





 vrdee：ne $A=$
rTE八厶I－OT＜YH゙O DIAFIIN
～NATEIS： 24 KN才T人，M－NATAT－KY： b，入＝人．．．Torjoploy
 －TAミACET，

 GATTUTXFI？







 गFFTV ARLOC2 TV：70．



 rotryisiknescror HNSA rtolat shisi Matoy

5353 （reduced）


# THE <br> OXYRHYNCHUS PAPYRI VOLUME LXXXIII 

EDITED WITH TRANSLATIONS AND NOTES BY

P. J. PARSONS<br>N. GONIS<br>WITH CONTRIBUTIONS BY

W. E. H. COCKLE D. COLOMO W.B. HENRY<br>M. HIRT A. KOENIG D. LINCICUM<br>D. OBBINK D. W. RATHBONE M. REINFELDER<br>J. D. THOMAS H. WHITEHOUSE

Graeco-Roman Memoirs, No. 104

## PUBLISHED BY

THE EGYPT EXPLORATION SOCIETY
3 DOUGHTY MEWS, LONDON, WCIN $2 P G$
WITH THE SUPPORT OP
THE BRITISH ACADEMY
2018

TYPESET BY
W. B. HENRY, UNIVERSITY COLLEGE LONDON
printed in great britain by
CHARLESWORTH PRESS, WAKEFIELD
AND PUBLISHED BY
THE EGYPT EXPLORATION SOCIETY
(registered charity no. 212384)
3 DOUGHTY MEWS, LONDON, WCIN 2PG
Graeco-Roman Memoirs

ISSN 0306-9222

ISBN 978-0-85698-231-6
© EGYPT EXPLORATION SOCIETY 2018

A. K. BOWMAN<br>A. BENAISSA<br>G. B. D'ALESSIO<br>N. GONIS<br>J. D. THOMAS<br>P. J. PARSONS<br>Advisory Edison<br>Geneal Editors

The Oxyrhynchus Papyri Project is funded by

Arts \& Humanities
Research Council

## PREFACE

Section I of this volume continues our publication of biblical texts. 5347 provides only the second Egyptian witness to the Epistle of Philemon; 5345-6 provide further early witnesses to the rext of Mark and Luke. $\mathbf{5 3 4 8}$ preserves an amateur copy of excerpts from Ezekiel's Exagoge, a Greek tragedy on Jewish history, as they are quoted by Clement of Alexandria: a remarkable personal enterprise within the Christian (or Jewish) community of Oxyrhynchus in the third-fourth century. The editors of these rexts take pleasure in acknowledging their special debt to Dr Henry.

Section II offers new fragments from two popular genres: 5351-3 trials from the Acta Alexandrinorum, notably the trial of the former Prefect Titianus before Hadrian (an event sensational enough to reach the Historia Augusta); 5354-6 adventures from the Greek Novel, including the Crimean narrative of Calligone and the Amazons. To popular culture belong also the mime-troupe welcomed in 5347, and the Miracle of the Goose celebrated in 5348. 5349 allows a glimpse of the anonymous copyists to whom we owe our texts, practising the various graphic styles from which their customers could choose.

The documents in Section III contribute a mass of detail to the social and economic history of Roman and Byzantine Egypt. The official letter 5362 deals with a recurrent problem: the tax-grain destined to supply Rome (the 'Royal City') was liable to be bulked out with earth, accidentally or by fraud. The tax-receipt 5364 attests a Jewish community at Oxyrhynchus in the late fourth century. To these add an extraordinary object, 5401, part of a ceremonial shield (leather on a wooden frame) painted with a laurel wreath and a Latin inscription that celebrates the rwentieth anniversary of some fourth-century emperor. With 5365-5400 we continue publishing the immense archive of the Glorious House of the Apions. These supply new evidence for the genealogy and chronology of the Apions, and for the administration of their extended estates. In particular, we see the operation of a system of 'sureties', by which individuals guarantee to shadow some delinquent and deliver him when required, or themselves pay a fine-a primitive form of bail-bond.

Section IV contains art: 5402, a fine pen-and-ink drawing of a rampant goat, and 5403. seven sketches on both sides of a single sheet, including a cockerel and a peacock, a wild boar, and a unicorn. The Artemidorus papyrus has renewed discussion of drawing as an art in che Greck world, and of drawings as preliminaries to or patterns for painting, sculpture and mosaics. Some have found its own spread of drawings so striking as to suggest forgery. The new examples from Oxyrhynchus now demonstrate comparable technique and similar subject-marter in papyri of undoubted authenticity.

Dr Colomo corrected transcripts, conserved originals, and scrutinized proofs; Dr Henry, in the process of copy-editing, indexing and typesetting, made material improvements to many items. The Arts and Humanities Research Council and the British Academy provided the generous support without which the Oxyrhynchus Papyri Project could not function.

## CONTENTS

Preface ..... v
Table of Papyri ..... ix
List of Plates ..... xi
Numbers and Plates ..... xi
Note on the Method of Publication and Abbreviations ..... xii
TEXTS
I. Theological Texts (5344-8) ..... I
II. New Literary \& Subliterary Texts (5349-59) ..... 20
III. Documentary Texts (5360-5400) ..... 89
IV. Painting \& Drawings (5401-3) ..... 197
INDEXES
I. Hexameters (5349-50) ..... 208
II. Acta Alexandrinorum (5351-3) ..... 208
III. Novels (5354-6) ..... 210
IV. Subliterary Texts (5357-9) ..... 212
V. Rulers ..... 212
VI. Consuls ..... 213
VII. Indictions and Eras ..... 214
VIII. Months ..... 214
IX. Dates ..... 214
X. Personal Names ..... 214
XI. Geographical ..... 218
XII. Religion ..... 219
XIII. Official and Military Terms and Titles ..... 219
XIV. Professions, Trades, and Occupations ..... 220
XV. Measures ..... 22 I
XVI. Taxes ..... 22 I
XVII. General Index of Words ..... 221
XVIII. Latin ..... 230
XIX. Corrections to Published Papyri ..... 230

## TABLE OF PAPYRI

## I. THEOLOGICAL TEXTS

| 5344 | LXX, Psalm ii I-8 | WEHC/ <br> WBH | Sixth century | I |
| :---: | :---: | :---: | :---: | :---: |
| 5345 | Mark i 7-9, 16-18 | DO/DC | Second/third century | 4 |
| 5346 | Luke xiii 13-17, 25-30 | DO/DC | Third century | 7 |
| 5347 | Philemon 6-8, 18-20 | DL | Fourth century | 1 |
| 5348 | Ezekiel Tragicus, Exagoge 7-40, 50-54 (Excerpts) | DO/DC | Third/fourth century | 14 |
| II. NEW LITERARY \& SUBLITERARY TEXTS |  |  |  |  |
| 5349 | Hexameters | MR | Second century | 20 |
| 5350 | Early Hexameters (Addendum to XXX 2513 <br> + LIII 3698) | WBH | Second century | 23 |
| 5351-3 | Acta Alexandrinorum | PJP |  | 25 |
| 5351 | Acta Maximi | PJP | Third century | 25 |
| 5352 | Acta Titiani A | PJP | Second century | 31 |
| 5353 | Acta Titiani B | PJP | Second/third century | 44 |
| 5354 | Antonius Diogenes | PJP | Second/third century | 54 |
| 5355 | Novel (Calligone) | PJP | Second/third century | 63 |
| 5356 | Novel (Eusyene) | PJP | Third/fourth century | 73 |
| 5357 | Greering the Biologoi | PJP/HW | Fourth century? | 78 |
| 5358 | Miracle of the Goose | PJP | Third century? | 83 |
| 5359 | Writing Exercise | PJP | Second century? | 86 |

## III. DOCUMENTARY TEXTS

5360 Lease of Land (Incorporating VIII 1124)
5361 Official Letter and Petition
5362 Letter to the Strategi of the Heptanomia
5363 Latin Military Document
5364 Tax Receipt
5365- Documents from the Dossier of the 'Apion 5400 Family'
5365 Receipr for a Cogwheel
5366 Annual Account of an Estate Overseer
5367 Lease of Land
5368 Acknowledgement of Debt
5369 Top of Contract
5370 Lease of Land
5371 Deed of Surety
5372 Deed of Surery

AK/DWR 27 October 2689
JDT c.223 93
JDT After 227/8 97
MH 247-9 or 244-9 IOI
NG Late fourth century ios
NG 107

NG 31 December $526 \quad 108$
NG c.530-42 110
NG 537? 112
NG 530 ? 116
NG 26 April $548 \quad 117$
NG Mid sixth century II9
NG 7 September ssi 120
NG 27 January 552
27 January 552122

5373 Deed of Surery NG
5374 Lease of Land
5375 Deed of Surety
5376 Receipt for an Axle
5377 Deed of Surery
5378 Deed of Surety
5379 Deed of Surety
5380 Lease of Land
5381 Annual Account of an Estate Overseer
5382 Deed of Surety
5383 Lease of Land
5384 Deed of Surery
5385 Receipt for a Cogwheel
5386 Receipt for Flour
5387 Receipt for Replacement Part(s) of an Irrigator
5388 Receipr for a Cogwheel and a Porwheel
5389 Receipt for a Cogwheel
5390 Deed of Surery
5391 Annual Account of an Estare Overseer
5392 Top of Document
5393 Receipt for an Axle
5394 Receipt for a Replacement Part of an Irrigator
5395 Deed of Surecy
5396 Deed of Surery
5397 Deed of Surety
5398 Receipt for Payment of Salary
5399 Receipt for Payment of Travel Expenses
5400 Receipt for Replacement Part(s) of an Irrigator

NG
NG
NG
NG
NG
NG
NG

## NG

NG

## NG

NG
NG

NG
NG
NG
NG
NG
NG
NG
NG
NG
NG
NG
NG
NG
NG
NG
NG

| 24 August $5 ¢ 2$ | 124 |
| :---: | :---: |
| 5s2/3 | 127 |
| 18 June 557 | 128 |
| 560/61 | 130 |
| 569/6 or 580/81 | 132 |
| c.571-8 | 134 |
| 570s? | 138 |
| 5 November 578 | 139 |
| 581 | 143 |
| 582 | 148 |
| 24 Seprember 983 | 150 |
| 29 August c. 17 November 584 | 154 |
| 18 November 584 | 156 |
| 24 November 585 | 159 |
| 24 Sepiember 586 | 160 |
| 6-15 November 586(?) | 161 |
| 10 March 588 | 164 |
| 21 October 588 | 166 |
| 588 | 168 |
| 582-90 | 173 |
| 9 January 591 | 175 |
| 14 November 592 | 177 |
| 592-602 | 179 |
| 22 October 595 | 183 |
| Sixth/seventh century | 189 |
| 1 September 598 | 192 |
| 28 September 27 October 612 | 194 |
| 16 March 621 | 196 |

## IV. PAINTING \& DRAWINGS

5401
5402

Fragments of a Painted Shield
HW
A Rampane Goat
Birds, Beasts, and a Unicorn
HW
HW

| Fourth century | 197 |
| :--- | :--- |
| Second century? | 203 |
| C.450-550 | 205 |

NG = N. Gonis
$\mathrm{AK}=\mathrm{A}$. Koenig
PJP = P. J. Parsons
JDT = J. D. Thomas

## LIST OF PLATES

## Frontispiece 5353

I. 5348
II. $5344 \downarrow, 5345,5347$
III. $5344 \rightarrow, 5346$
IV. 5349, 5350, 5382 22-4, 539624
V. $\mathbf{5 3 5 1}, 5360 \mathrm{~A}, 5363$
V. 5352
VII. 5354, 5386
VIII. 5355, 5397 13-16
LX. 5356, 5392

X 5359, 5399
XI. 5361,5365
XII. 5358, 5362
XIII. 5364, 5374
XIV. 5376, 5377
XV. 5370, 5398
XVI. 5381 frr. $1+2,5387$
XVII. 5391
XVIII. 5367, 5378 18-21, 5402

XDX. 5368 12-13, 5403
XX. 5357, 5379

XXI-XXII. 5401

## NUMBERS AND PLATES

| $5344 \downarrow$ | II | 5365 | XI |
| :--- | :--- | :--- | :--- |
| $5344 \rightarrow$ | III | 5367 | XVIII |
| 5345 | II | 5368 12-13 | XIX |
| 5346 | III | 5370 | XV |
| 5347 | II | 5374 | XIII |
| 5348 | I | 5376 | XIV |
| 5349 | IV | 5377 | XIV |
| 5350 | IV | 5378 18-21 $^{2}$ | XVIII |
| 5351 | V | 5379 | XX |
| 5352 | VI | 5381 frr. 1+2 | XVI |
| 5353 | Frontispiece | 5382 22-4 | IV |
| 5354 | VII | 5386 | VII |
| 5355 | VIII | 5387 | XVI |
| 5356 | IX | 5391 | XVII |
| 5357 | XX | 5392 | IX |
| 5358 | XII | 539624 | IV |
| 5359 | X | 5397 13-16 | VIII |
| 5360 A | V | 5398 | XV |
| 5361 | XI | 5399 | X |
| 5362 | XII | 5401 | XXI-XXII |
| 5363 | V | 5402 | XVIII |
| 5364 | XIII | 5403 | XIX |

## NOTE ON THE METHOD OF PUBLICATION AND ABBREVIATIONS

The basis of the method is the Leiden system of punctuation; see $C E{ }_{7}$ (1932) 262-9. It may be summarized as follows:
aby The lerrers are doubrful, either because of damage or because they are otherwise difficult to read
Approximately thrce letters remain unread by the editor
$[0 \dot{\beta} \gamma]$ The letrers are lost, but restored from a parallel or by conjecture
[...] Approximately three letters are lost
() Round brackets indicate the resolution of an abbreviation or a symbol
[a $a \gamma$ ] The letters are deleted in the papyrus
a $a \gamma^{\prime}$ ' The lecters are added above the line
$\langle a \beta \gamma\rangle$ The letters are added by the editor
$\{a \beta \gamma\}$ The letters are regarded as mistaken and rejected by the editor
Bold arabic numerals refer to papyri printed in the volumes of The Oxyrhynchus Papyri.
The abbreviations used are in the main identical with those of the Checklist of Editions of Greek, Latin, Demotic, and Coptic Papyri. Ostraca, and Tablets at http://papyri.info/docs/ checklist. An earlier version, now largely superseded, remains available at http://library:duke. edu/rubenstcin/scriptorium/papyrus/rexts/clist.hmm; J. F. Oates et al., Checklist of Editions of Greek Papyri and Ostraca (BASP Suppl. 9, '2001), is the most recent printed edition. The titles of inscription collections are generally abbreviated as in Supplementum Epigraphicum Graecum.

Some reference works are cited by abbreviaced title, thus:

| BDAG | W. Bauer \& F. W. Danker, A Greek-English Lexicon of the New Testament and Other Early Christian Literature (32000). |
| :---: | :---: |
| Byz. Not. | J. M. Diechart \& K. A. Worp, Notarsunterschrifien im byzantinischen Agypten (1986). |
| CSBE ${ }^{2}$ | R. S. Bagnall \& K. A. Worp, Chronological Systems of Byzantine Egypt ( $\left.{ }^{2} \mathbf{2 0 0 4}\right)$. |
| GBEBP | G. Cavallo \& H. Maehler, Greek Bookhands of the Early Byzantine Period, A. D. 300-800 (1987). |
| GLH | C. H. Roberts, Greek Literary Hands, 350 B.C.-A.D. 400 (1956). |
| GMAW ${ }^{2}$ | E. G. Turner, Greek Manuscripts of the Ancient World ( ${ }^{(1987)}$ ). |
| LGPN | P. M. Fraser, E. Mathews et al., Lexicon of Greek Personal Names (1987-). |
| $\mathrm{NA}^{28}$ | E. \& E. Neste, B. \& K. Aland et al., Novum Testamentum Graece ( ${ }^{28}{ }^{2012}$ ). |
| RSON ${ }^{2}$ | A. Benaissa, Rural Sertlements of the Oxyrhynchire Nome ( ${ }^{2} 2012$ ). |
| Typology | E. G. Turner, The Typology of the Early Codex (1977). |

# I. THEOLOGICAL TEXTS 

5344. LXX, Psalm 1 II-8

| $203 \mathrm{~B} .34 / \mathrm{A}(3-4) \mathrm{a}$ | $11.6 \times 13.8 \mathrm{~cm}$ | Sixth century <br> Rahfs 2228 |
| :--- | ---: | :--- |

The second leaf of a papyrus codex. Each side has fificen lines of text and a page number placed at or near the outer edge of the written area. The page numbers are due to the main hand, and no more space is left berween each number and the first line of the text than berween neighbouring pairs of lines in the body of the text. The written area is about 9.5 cm deep, and its width is 8.7 cm on the $\downarrow$ side and 7.9 cm on the $\rightarrow$ side. The margins are probably preserved to nearly their full extent. The upper margin (including the space occupied by the page numbers) is about 2 cm deep, the lower margin about 2.2 cm deep, and the inner margin about i.s cm wide, while the outer margin is 1.5 cm wide on the $\downarrow$ side and 2.2 cm wide on the $\rightarrow$ side. The codex may be placed in Turner's Group 9: he lists examples at Typology 21, to which add e.g. LXXXII 5290 (Jannes and Jambres, assigned to the fourch century). Cf. also Typology 98 (Table is, 'Codices Having a Square Written Area ( $\beta$ measurement)'). A parchment copy of Psalms with similar dimensions is Rahlfs 2016 (P. Lond. Lit. 208; vi-vil cent.), Turner's OT 116, which he places in his Group XI (Typology 29).

The ext is written continuously, except that in order to avoid causing the reader to rurn a page in mid-stich, the scribe indents the last word of a stich at $\downarrow 15$ and begins the new stich at the top of the next page. Elsewhere, he marks the end of a stich by inserting a stop in the upper half of the line accompanied, where the break falls in mid-line, by a space left berween the words. In several cases, no clear trace of ink remains, but it may have been lost to surface damage; a raised ' v ' in the transcription indicates a space left berween words in which chere are now no clear ink traces. $\mathrm{At} \rightarrow 6$, the scribe failed to leave a space blank in mid-line at the end of a stich, and an oblique divider was added instead above the line berween the words; a similar oblique divider is used once at line-end $(\rightarrow 2)$. For the forms of suich punctuation in Greek papyri (II BC-IV AD), see in general E. Tov, Scribal Practices and Approaches Reflected in the Texts Found in the Judean Desert (2004) 303-15. Psalm I copied in the same format would fill or nearly fill the first two pages of the codex.

Nomina sacra are used for кúpioc and xpıctóc, but not for vióc ( $\rightarrow$ 10-11) or aúpavóc ( $\downarrow$ 12); so too e.g. in the Codex Sinaiticus (S). Two syllables were inadvertendy copied a second time at the start of $\rightarrow 9$; the first example of the repeated sequence, at the end of the preceding line, was then cancelled by the addition of expunction dots above the letters. A rough breathing is used at $\rightarrow$ 14. There are no other lection signs, and no punctuation is used within the stich.

The hand is comparable to those of GBEBP 38a (P. Vindob. G 19802) and b (P. Berol. 13994), both assigned to the sixth century: sec e.g. P. Orsini in D. Bianconi and L. Del Corso (edd.), Oltre la scrittura: Variazioni sul tema per Guglielmo Cavallo (2008) 113. There is some
inconsistency in letter formation: for example, $\mu$ is normally curved but may have upright sides (e.g. $\downarrow 14, \rightarrow 3$ ). The ends of strokes are frequently decorated with heavy finials, norably the left-hand end of the cross-bar of $\tau . \tau$ and $a$ are often joined to the following letter.

5344 overlaps several orher papyri, referred to below by their Rahlfs numbers; descriptions are available in Rahlfs-Fraenkel. Verzeichnis der griechischen Handschrifien des Alten Testamens i.1 (2004). 2051 (P. Lond. Lit. 204; mit cent.) includes verses 3-8, 2130 (P. Palau Rib. Lit. t; v/vi) verses 6-8, 2150 (P. Chester Bearty XIV; rv), edired by A. Pietersma, Two Manuscripos of the Greek Psalter (1978) 36-9, verses 1-8, and 2151 (P. Chester Bearty XV; rv), edited by Pietersma, The Acts of Phileas Bishop of Thmuis (Including Fragments of the Greek Psalier) (1984) $80-83$ (psalter text), verses $1-3$ and $5-8$, while 2085 (MPER NS IV $23 ;$ vi), an amuler, includes the second stich of verse 7 . The parchment codex 1219 (Freer Psalms; vi/vir), gives only a few letters of the first two verses.

The collation rext is A. Rahlfs, Psalmi cum Odis (1931); I refer also to the cditions of R. Holmes and J. Parsons, Verus Testamentum graecum iii (1823), and P. de Lagarde, Psalterii graeci quinquagena prima ( 1892 ). The papyrus diverges from Rahlf' text at $\rightarrow 3$, as it seems, 8, and 14: see the notes below. I have consulted the commentaries of A. Pietersma, 'Empire Re-Affirmed: A Commentary on Greek Psalm 2', in J. H. Ellens et al. (edd.), God's Word for Our World ii (2004) 46-62, and E. Bons, in Sepruaginta Deussch: Erläutenungen und Kommentare zum griechischen Alten Testament ii (2011) $1500-1502$. I am grateful to Pietersma for his comments on the text.

This edition was originally drafted by Dt W. E. H. Cockle; the transcription has been revised for publication by Dr W. B. Henry, who is also responsible for the introduction and commentary.
$\downarrow$
a
$\bar{\gamma}$



$\tau \eta c] \gamma \eta{ }^{*}$ " каи ои архортє!

auto " к[ar]a тои ку ка! $[k] a$ тa тou $\bar{\chi}[0]$ avтov ס $\delta_{1 a p \rho \eta} \xi \omega \mu \epsilon[\nu]$ тouc $\delta \epsilon \quad 3$

$\left.\rho_{1}\right] \psi \omega \mu \in \nu \quad a \phi \quad \eta \mu \omega \nu$

o] кат̣oккшע є! oupavole 4

$\kappa а]!$ п кс єкниктпр! $\epsilon!$
avtove

 тous $ฺ \downarrow$ оря $\eta$ avtou'
 $\rho[a] \xi \xi \in \operatorname{avoove}-\epsilon \gamma \omega[\delta \epsilon$
s катєєта日
 poc то ауtoب [a] بтои
 то простаура ку


 ка сє ' аиттсаия пар $\epsilon[$ [ои \&


$\downarrow$
I No ritle is written here, but one may have been present at the foot of the previous page, as in $\mathbf{~ د g . ~}$
e $\theta$ p [ $\kappa$ as, It is not possible to say whether or not the end of a stich was marked berween thase words. Most other manuscripts (including now 2151) have no division here: see Rahlfs. The traces at the end are vestigial; e $\theta y[\eta] \times[a$, is not excluded.

7 S sent from many Greek copies, including now a150 and (apparently) 2151. For discussion of the problem. see Pietersma, 'Empire Re-Affirmed', so; Two Manucripss 39.
$\rightarrow$
2 a ${ }^{2}$ utu' $^{\prime}$. The oblique divider appears to grow out of the right-hand branch of $u$.
3 кai] $\xi_{y} \theta \nu \mu \omega$. The reading at the stars is very uncertain, but it is clear that there is no room for the article. Rahlfs prints кaiév $\tau \dot{\omega} \theta \cup \mu \ddot{\psi}$ and records no variants; 2051 and $21 \rho 1$ both have the article, and
 aưzoúc without the article, no doubt from memory. Pietersma, 'Empire Re-Affirmed', 52. comments that
 nificance'. Its absence here in 5344 is perhaps due to assimilation, but one cannot exclude the possibiliry that 5344 uniquely preserves the truth: cf. e.g. J. Smidh, Translated Halleiujahs (2011) 5 -8, on the choice berween évectiv and toic ezvectv at Ps. CNV 1, where 2 no (P. Bodm. XXIV) alone lacks che article.

6 autou'. There appears to be surplus ink under the oblique divider and below under the righthand side of $y$ in the next line, perhaps offser.
inconsistenc' in letter formation: for example, $\mu$ is normally curved but may have upright sides (eg. $\downarrow 14, \rightarrow 3$ ). The ends of strokes are frequently decorated with heavy finials, notably the leff-hand end of the cross-bar of $9 . \tau$ and $a$ are often joined to the following letter.

5344 overlaps several other papyri, referred to below by their Rahlfs numbers; descriptions are available in Rahlfs-Fraenkel, Verzeichnis der griechischen Handschrifeen des Alten Testaments i.1 (2004). 2051 (P. Lond. Lit. 204; In cent.) includes verses 3-8, 2130 (P. Palau Rib. Lit. ; $\mathrm{v} / \mathrm{v}$ ) verses $6-8$, 2150 (P. Chester Bearty XIV; iv), edited by A. Pietersma, Two Manuscripts of the Greek Psalter (1978) 36-9, verses I-8, and 2151 (P. Chester Beatty XV; rv), edited by Pietersma. The Acts of Phileas Bishop of Thmuis (Including Fragments of the Greek Psalter) (1984) $80-83$ (psalter text), verses $1-3$ and $5-8$, while 2085 (MPER NS IV 23; v1), an amulet, includes the second stich of verse 7 . The parchraent codex 1219 (Freer Psalms; v//vu?) gives only a few leters of the first two verses.

The collation text is A. Rahlfs, Psalmi cum Odis (1931); I refer also to the editions of R. Holmes and J. Parsons, Vetus Testamentum graecum iii (1823), and P. de Lagarde, Psalterii graeci quinquagena prima (1892). The papyrus diverges from Rahlf' text at $\rightarrow \mathbf{3}$, as it seems, 8, and 14: see the notes below. I have consulted the commentaries of A. Pietersma, 'Empire Re-Affirmed: A Commentary on Greek Psalm 2", in J. H. Ellens et al. (edd.), God's Word for Our World ii (2004) 46-62, and E. Bons, in Septuaginta Deutsch: Erläuterungen und Kammentare zum griechischen Ahten Testament ii (2011) 1500-1502. I am grateful to Pietersma for his comments on the text.

This edition was originally drafeed by Dr W. E. H. Cockle; the transcription has been revised for publication by Dr W. B. Henry, who is also responsible for the introduction and commentary.

| $\downarrow$ |  |  |
| :---: | :---: | :---: |
| 4 | $\gamma$. |  |
| I |  | 111 |
|  |  |  |
|  |  | 2 |
|  |  |  |
| 5 |  |  |
|  |  |  |
|  | та тоข $\bar{\chi}[\mathrm{v}]$ аยтоบ $\delta \iota a \psi a \lambda \mu[\alpha$ |  |
|  |  | 3 |
|  |  |  |
| 10 | $\rho t] \psi \omega \mu \epsilon \nu$ aф $\eta \mu \omega \nu$ |  |
|  | тo］$\nu$ ¢vyov autwv |  |
|  | o］като⿺кผу ¢y ovpavoic | 4 |
|  | $\epsilon к] \gamma є \lambda a<\epsilon \tau \alpha!$ аитоис |  |
|  | ка］！окк єк䒑৩ктךрtєt |  |
| 19 | avtove |  |


| $\rightarrow$ |  |  |
| :---: | :---: | :---: |
| $\square$ | $\delta$ |  |
| 1 |  | $s$ |
|  | точ¢ ¢у орソך аขтои＇ |  |
|  |  |  |
|  | $\rho[a] \xi \in!$ avtoue eүw［ $\delta \epsilon$ | 6 |
| $s$ |  |  |
|  |  |  |
|  | рос то ауьoy［a］ytov－ |  |
|  |  | 7 |
|  |  |  |
| 10 |  |  |
|  |  |  |
|  | епиєроข үєуєขv［ך |  |
|  |  | 日 |
|  |  |  |
| 15 | тәу клךроуоньау ¢［ои |  |

$\downarrow$
1 No title is written here，but one may have been present at the foot of the previous page， 25 in 2 ags． $\Leftrightarrow \theta \nu \eta$［xat．It is not possible to say whether or not the end of a stich was marked between these words．Most other manuscripts（including now 215r）have no division here：see Rahlfs．The traces at the end are vestigial；$\epsilon_{\varphi}[\eta] \times[a$, is not excluded．
$7 \delta_{!} a \psi a \lambda_{\mu} \mid a$ ，accepted by Rahlfs，has no $\begin{gathered}\text { on } \\ \text { corresponding to it in the Masoretic Text and is ab－}\end{gathered}$ sent from many Greek copies，including now 2150 and（apparently）215ı．For discussion of the problem， see Pietersma，＇Empire Re－Affirmed＇，so；Two Manuscripts 39.

[^0]CE]!er was writen, to judge by the space. Rahlfs gives this word as $C_{160}$ and docs not record orthographical variants (cf. his prolegomena, p. 73), but the spelling with -et- is well atcested, cf. Lagarde. 2130 and 2150 both have $(1-$; it is not possible to decermine how the vowel was spelt in 2051 and 215 s.

7 ayay. There is superfluous ink below the finial on the right of $\gamma$ : cf. on 6 ayrov'.
 $\lambda$ in the participle: see Holmes-Parsons and Lagarde). 2051 (- $-\boldsymbol{p}$ ) and 2130 both agree with Rahlfs' $e$ ext, while 2150 and 2151 are not preserved in the relevant place. [Cyr.] Ps. (PG IXIX 720C) understands
 the infinitive may have come into the text from a paraphrase of this kind, perhaps by way of a supralinear




${ }^{14}$ és, 'ss', appears to be an addition intended to clarify the construction; like the variant at 8 , it may have intruded from a paraphrase. No other copy is reported to have anything berween éधry and rip, and there is nothing berween the rwo words in 2051, 2130, or 2151 ; 2150 is not prescrved at this point.

W. E. H. COCKLE / W. B. HENRY

5345. Mark ${ }^{17} 7-9,16-18$

104/14(b) (213?

Second/third century Plate II

A single fragment from the foot of a papyrus codex leaf, reasonably well preserved on $\rightarrow$, but badly abraded on $\downarrow$. It contains the middle portions of five lines on each side, and the lower margin to a depth of 1.8 cm .

The lines, as reconstructed below, have c. 28 letters: on this basis, and taking as standard the text as printed in Neste-Aland ${ }^{28}$, we can calculate that about 20 lines are lost before the first preserved line of $\downarrow$, and another 20 between the last preserved line of $\downarrow$ and the first preserved line of $\rightarrow$. This would suggest a single-column codex with about 25 lines per column, and a written arca estimated at $9.4 \times 12 \mathrm{~cm}$. A very similar format is found in IX 1167, Genesis, fourth century (?), whose page size has been estimated at $12.4 \times 16.6 \mathrm{~cm}$ (Typology 165 , OTis). Like 1167, 5345 would find a place in Turner's Group 9 Aberrant 1 (Typology 22). Format is not in itself a criterion for dating: the same classification would include such single-column codices as L $3523\left({ }^{90}\right)$, John, assigned to the second century, LXIV $4403\left(7^{103}\right)$, Matthew, second/ third century, IX $1171\left(\boldsymbol{1}^{20}\right)$, Epistle of James, third century, P. Med. inv. $69.24\left({ }^{(788}\right)$, Mark, fourth century, and P. Laur. IV $142\left({ }^{89}\right)$. Hebrews, fourth century.

In this format, the text from the beginning of the Gospel to the foot of $\downarrow$ would occupy the whole page, with room perhaps for an initial title. Thus the Gospel began at the top of a right-hand page. We cannot tell whether it formed a single short codex (the complete text would have occupied 78 pages, that is 39 leaves or nearly 20 bifolia), or part of a larger book. But the sequence $\downarrow \rightarrow$ would suit the first leaf of a single-quire codex, see Typology 65 .

The script is a small, upright, semi-stylized bookhand, roughly bilinear except for $v_{\text {, }}$ which extends below the line, and $\phi$, which extends above and slightly below (the only example of $\rho$ is damaged); o $(\rightarrow 3)$ floats slighty above line-level. The normal letter-height is $0.2-0.3$ cm , and a line with its line-space occupies $c .0 .5 \mathrm{~cm}$.; this gives a closely-packed appearance. The scribe aims at calligraphy, but somerimes inconsistently: he uses a triangular a with pointed nose, but also with looped nose (e.g. $\rightarrow 4$ bis), a tall straight-backed c but also a fully rounded form ( $\rightarrow 3$-rose and $\rightarrow 4$ - vec $\theta$ ai). Among his orher letter-forms note $\epsilon$ tall and straight, the tongue firmly connected to the initial curve but ofren projecting and once connecting to the next letter; $\mu$ with a curved saddle which almost reaches the base-line and then joins its right upright half-way up; $\phi$ with a wide oval bow, the upper arc somewhat flattened. Overall, we note the contrast, not consistent and not pronounced, berween narrow letters $(\epsilon, c)$ and wide letters $(\gamma, \delta, \mu, \nu, \tau, v, \phi)$. Ornamentation is a feature throughout: lefwards oblique half-serifs decorate the feet of $\gamma, \mu$ and $v$ (first upright), $v$, and $\phi$, as well as the top of $\kappa$ and the head and foot of $t$. There is also a hint of shading: vertical and oblique strokes are thicker than horizontals.

Dating this hand presents even more difficulties than usual, since the sample is so small and damaged and the scribe inconsistent. Its most indicative feature is the juxtaposition of wide and narrow letters. This appears, in a much more emphatic form, in Turner's 'Formal Mixed' style, whose objectively datable examples belong to the later second and the third cencury; it appears also in dated documents from the reign of Hadrian on (GMAW² p. 22). For the more informal version in 5345 we could compare III 454 (+ P. Laur. IV i34 + PSI II Ing, LDAB 3798; plate in $G M A W^{2}$ no. 62), Plato, Gorgias, assigned to the later second cenrury (the military accounts on the recto, ChLA IV 264, postdate in). But this is tallet and more angular. A closer parallel is XIII 1622 (pI. IV; LDAB 4052), Thucydides II, assigned to the first half of the second century since the contract on the verso (XIV 1710) is dated 148: note che narrow $\varepsilon$ and $c$, broad forms of the rounded letters, and in particular the shapes of $\mu$ and $v$. Amang New Testament papyri we find a similar script in LXIV 4403, Matthew ( $\boldsymbol{(}^{103}$, LDAB 2938, perhaps the same codex as XXXIV 2683 + LXIV 4405), which the editor assigned to the late second or carly third century and P. Orsini and W. Clarysse to the third (EThL 88 (2012) 471). P. Mich. III 138, Acts ( ${ }^{3}{ }^{38}$, LDAB 2855 ), generally assigned to the later third or earlier fourth century, offers anorher parallel, bur to our eye one more developed and therefore later than 5345. All in all, we incline to assign 5345 to the (later) second or (earlier) third century.

There is no evidence of punctuation or other lectional signs, except diaeresis on initial
 expected dizeresis cannot be seen). lota adscript was apparently not written ( $\rightarrow$ 2). A nomen sacrum occurs in $\downarrow 4 \pi \overline{\pi y l}=\pi \nu(\epsilon \nu \mu a \tau)$ ).

5345 is only the second copy of Mark's Gospel to surface from Oxyrhynchus: the other, 13 (069), is a parchment codex assigned to the fifth century. This is now the earliest witness to the text that it covers: P. Chester Beatty I ( $\left(\$^{45}\right)$, assigned to the chird century, does not contain this portion, nor does P. Dura ro (0212), Tatian's Diatessaron (?), datable to the end of the second century or the first half of the third. It offers no readings of interest, except an omission in
$\rightarrow 3$. But, as reconstructed, is does offer a text of about the same length as that in $K$, against the proposed athetesis of verses 1-3 (Holwerda, Elliott) or 2-3 (Lachmann) or 2 b (Beza). Similarly the amulet LXXVI 5073, written in a consciously literary hand of the third/fourth century, copies verses I-2 almost complete.

For reports of witnesses we have based ourselves on $\mathrm{NA}^{28}$; fuller information abour the manuscript readings appears in K. and B. Aland (edd.), Text und Textwert der griechischen Handuchrifien des Newen Testaments IV.1.2 (1998). H. von Soden (ed.), Die Schriffen des Neuen Testaments ii ( $\mathbf{9 1 1 3}$ ), and S. C. E. Legg (ed.), Nouum Testamentum Graece ....: Euangelium secundum Marcum (1935), have also been consulted. Some passages are discussed in H. Greeven and E. Güting. Tetkritik des Markusevangeliums (200s).

Since no lateral margins survive, the division of text berween lines in the transcript below is editorial.

」

```
                        ]\mu.[].[ \\tauш\nu[v]\pi[o\delta\eta\mua
    \tau\omegav аu\tauоv \epsilon\gamma]\omega є\betaатт\iota<а v\muас v\delta[а\tauь &
```




```
O
                \epsilonv] T\eta #a\lambdaa[ce\eta \etaeav yapa\lambdat\epsilonte [i6]
```




```
    s каו є\nu0v]! афє\nuте[с] та \delta\iotaк[т\nuа
    8
```

$\downarrow$

1] $\mu$. []. [. $\mu$ is sepresented by a steoke curving upwards from near line-level and converging with


 other Gospels.
${ }^{2}$ \%بy. Traces on damaged areas: of $\tau$, the foot of the upright and the end of the right-hand half of the cross-bar: of $\varphi$, small traces suggesting the round of the first lobe; of $\psi$, wo small eraces that may represent the upper parts of the rwo uprights. NA ${ }^{28}$ print $7 \omega \hat{\nu}$ imo $\delta \eta \mu$ átwv and note no variants (but in fact W, and a few others, have тои viтodquaтoc, ef. John 1.27).
 $1424542 / 844$ TR it: $\mu e \nu$ v
$4 \overline{\pi v i}$, i.e- $\pi t(e v \mu a \tau)$. The nomen sacrum is badly damaged, but can be clearly recognized from the traces: the left-hand upright of $\pi$ joining the cross-bat, of which only a third survives, with remains of the supralinear stroke; of $y$ the foor of the left-hand upright, the lower part of the diagoral and the foot of the tight-hand upright; above t tiny traces, probably from the right-hand end of the supralineat stroke.
 $14242542 / 844 / 2211$ iR it $\mathrm{Vg}^{m a n}$ Or. Note that ev is omitted here as in $\rightarrow 3$ v $\delta$ art, emphasizing the parallel
 \&iv riveúpars. See further Greeven and Güring 59-62.

4-5 ка: | ¢үєveто. Spacing would allow this, the reading of almost all the MSS, or eyejvero de with $W_{\text {aur }} \mathrm{ff}^{2}$ sa ${ }^{=}$bo $^{\mathrm{m}}$ : каt om. B, є $\gamma \in \nu \in \tau 0$ om. $\theta$ l2211 $\mathrm{r}^{1}$.

[^1]
## D. OBBINK / D. COLOMO

## 5346. LukP XII 13-17, 25-30

101/219(b)
(b) $3.5 \times 4.5 \mathrm{~cm}$; (b) $3.8 \times 4 \mathrm{~cm}$
Third century q13

Two fragments from the outer edge of a codex leaf, with only one line lost in berween. In combination they preserve parts of 13 lines on the $\rightarrow$ side and 14 lines on the $\downarrow$ side. The outer margin is 0.8 cm wide at its narrowest on the $\rightarrow$ side and 1.3 cm wide on the $\downarrow$ side.
$\rightarrow 1$ stands at the level of $\downarrow 2$. The lines, as reconstructed below, have $c .33$ letters each: on this basis, and taking as standard the text as printed in $N A^{24}$, we can calculate that 19 complete lines are lost berveen the last preserved line of $\rightarrow$ and the first preserved line of $\downarrow$. This would suggest a single-column codex with about 33 lines per page. The column chus reconstructed
would have an estimated written area of $16.5 \times 2 \mathrm{~cm}$. This format comes close to that of P . Beatry 1 ( $\$^{43}$ ) and Turner's NT Apocrypha 9 (LDAB 3138), and 5346 belongs with them to his Group 4 (Typology 16).

The handwriting is a somewhat uneven version of the Biblical Majuscule style, upright and bilinear (only $u$ regularly descends below the line) and slightly compressed vertically; the letters are normally separate one from another, but $a_{1} \gamma$, and $\tau$ touch their next neighbour. There is heavy shading, horizontals thin, uprights (and sometimes obliques) thick; and mild ornamentation, in the form of small serifs or hooks to the feet of uprights and the ends of horizontals. The scribe is inconsistent in his letter-forms: the angular nose of a sometimes has its lower element straight, sometimes curved; $\iota$ and $\rho$ sometimes end on the line, sometimes extend below; o fills the whole line-space in $\downarrow 6$, occupies the upper part only in $\downarrow 3$, and floats in the middle in $\downarrow$ is. As usual, it is difficult to decide whether these variations indicate an early, informal stage of the script or simply imperfect execution by a careless writer. On the former assumption, we are inclined to assign 5346 to the third century, carlier rather than later: compare IXII 4327 (Demosthenes), also assigned to the earlier third century, since its back carrics a document whose cursive was assigned to the third century (though the early fourth century may not be excluded).

The scribe punctuates by a short, chick, deliberate oblique, level with or slightly below the letter-tops. In $\rightarrow$ 1, 2, and 13, the stop marks sentence-end, in $\rightarrow 3$ and 11 the beginning of a subordinate clause or phrase. In $\rightarrow 12$, if the stop is rightly read, it stands between the important infinitive and the first of its string of complements. $\mathbb{w}^{45}$ and $\mathfrak{P}^{75}$ (P. Bodm. XIV) are less fully marked up: $\mathbb{y}^{75}$ coincides only in a stop after $\rightarrow 2 \overline{\theta_{\nu}}$, and perhaps in another after $\rightarrow 4$ ı $\eta \mathrm{c}$ (where 5346 is damaged); it also has stops after ox $\lambda \omega$, єруа $\zeta \epsilon c \theta a t$, саß阝eтоу, каı
 economical marking of major units only. Neither breaks up the complex sentence $\rightarrow 10-13$. Note that the stops in A coincide with five of those preserved in 5346 (all except that in $\rightarrow$ 12), while none of the other manuscripts dated to the third-fifth centuries $\left(w^{45}, \mathfrak{w}^{75}, N, B, D\right.$, W) has a stop in all of the five places in question; indeed 5346 and $A$ scem to stand alone in this group in having stops after ayavaктwn $(\rightarrow 3)$ and caravac $(\rightarrow$ iI), though W has a short blank space for puncruation after the latter. See further the note at the head of the commentary on $\rightarrow$. It is worth considering whether these stops are 'reading marks' (GMAW2 p. 144) rather than simple punctuation; on lectors in the carly Church see D. Nässelqvist, Public Reading in Early Christianity (2016).

Nomina sacra appear in $\rightarrow 2$ 莳 and probably in $\rightarrow 4 d \eta c$ they are supplied in $\rightarrow 8, \downarrow 1$, 10, 13, where they suir the spacing. Iota adscript was perhaps added in $\downarrow 10$.

This is the third fragment of Luke to have been published from Oxyrhynchus, after XXIV $2383\left({ }^{69}\right)$ and LXV1 $4495\left(\mathcal{F}^{11}\right)$, both datable to the third century. Among papyrus witnesses, as noted, 5346 overlaps P. Beatty $1\left({ }^{45}\right)$, assigned to the third century, and P. Bodm. XIV-XV ( $\boldsymbol{\$}^{75}$ ), assigned to the third or earlier fourth century.

For reports of witnesses we have used $\mathrm{NA}^{28}$, with the more detailed collations to be found in the IGNTP The Gospel According to St. Luke ii (1987).
（a）
 $\kappa а є ~ \pi а \rho а \chi \rho \eta \mu a ~ a \nu \omega \rho \theta \omega \theta \eta$ кає $\epsilon \delta о \xi а \zeta_{\epsilon \nu}$ тои］$\overline{\theta_{\nu}}{ }^{\prime}$



 ［каı $\mu \eta \tau \eta \eta \mu \epsilon \rho а$ тои са $\beta \beta$ аточ алєкрі $\theta \eta \delta \epsilon$ ］
 т $\omega$ caßßatw ov duet тov ßouv avtov $\eta$ т］ov ovoy







 $\pi о \theta[\epsilon \nu$ єстє атостךтє ат є $\mu$ ои та⿱亠䒑єє є $\rho \gamma а$
 ［ $\gamma \mu$ ос $\tau \omega \nu$ обоут $\omega \nu$ отау о廿ŋе $\theta \in ~ A \beta \rho а а \mu] ~$
（b）кає Ісак［кая Іакш及 кає таитас тоие профптас
$10 \epsilon \nu \tau \eta^{\prime} \beta[\alpha c \iota \lambda \in i a$ тоv $\overline{\theta \nu} v \mu a c \delta є є \kappa \beta a \lambda \lambda о \mu є$ vove［ $\epsilon \xi \omega$ ка। $\eta \xi$ оисьv ато avatodev каи 29

 30


The line-length has been estimated from a letter-by-letter reconstruction.

Punctuation has been omitted from she supplements, since its presence cannot be deduced reliably on the basis of spacing alone. The following reconstruction, necessarily still more speculative than that printed above, incorporates the stops given in A, which seems to be close to 5346 in this matter: see incrod.

| $x$ | xiii ${ }^{13}$ |
| :---: | :---: |
|  |  |
|  | 14 |
|  |  |
|  |  |
|  |  |
|  | 15 |
|  |  |
|  |  |
|  | 16 |
|  |  |
|  |  |
|  | 17 |

4 1] $\mathfrak{y c}$ e $\lambda e$ e e $\lambda e$ seems probable, though only the lower parts of the letters survive (of $\lambda$ the feet, then perhaps the lower lefi quadrant of a circle). Before that, the lower part of $e$, and before that the lower part of an upright. These traces would allow a nomen sacrum $] \bar{\kappa}$ or $\sqrt{\sqrt{x c}}$, as might be expected, but not $I \eta c o]$ in full (the upright is too close to the sigma). However, that makes difficulties with the reconsiruction.
 is the reading of almost all witnesses: only $/ \$ 24$ (a lectionary of the nvelfich century) and the Georgian and (some MSS of the Old Church Slavonic versions attest aviniv (IGNTP).

We might expect a stop after $]_{\mathrm{yc}}$ as in $\$^{75}$, marking the end of the clause as that in 3 marks the beginning, but the surface is damaged.
$8 \rightarrow$ The traces at the end of 8 are damaged and scattered, and the reading offered may be wrong: at the end of 9 ]ov is reasonably secure, the rest vestigial. The reconstruction printed leaves us in difficulties with 10: even if in the supplement we adopt $a \pi a \gamma \omega \nu\left(\mathrm{~K}^{\prime \prime} \mathrm{B}^{\prime \prime} \theta \mathrm{I}\right.$ ) ather than $a \pi a \gamma a \gamma \omega \nu$ (most other witnesses), that line looks too long. W/as a short word omited?

10-11 $\theta u \|$ (yarepa. As reconstructed, line 11 is a litzle short: perhaps the scribe wrote $\theta u y a r e p a y$, like a number of the medieval MSS (see J. R. Royse, Scribal Habiss in Early Greek New Testament Papyri (2008) 312 n. 636).

12 סeка кая октш. $\nabla^{\text {45 }}$ writes this as a numeral, $\bar{\eta}$, and so did $\bar{y}^{75}$, to judge from the spacing, but the line-length shows that 5346 wrote the number out in full. We cannot tell whether this was the seribe's general practice, or peculiar to ' 18 ', whose numeral form in coincides with the shor nomen sacrum in for I $\eta$ cous (the norm in $\$^{45}$, but rare elsewhere and not in 5346, see $\rightarrow 4$ ). See Z. J. Cole, Numerals in Early Greek Now Testament Manuscripts (2017) 178-84.
$\lambda \nu \theta \eta v{ }^{\prime} a_{!}^{\prime}$ : the stop shows as oblique ink above the line, touching the top of the damaged :
 трштоя кал трштои $D$.



 that 5346 did not omit vuac.

7 T $T \eta c$. $r$ is represented by the lefr-hand end of the cross-bar; above it parts of a damaged $a$. At

 (D). The suprascript might be a[8ıstac or a[ropuac entered as a variant or correction. But what was the original reading?
g lcaк. So x* D L 0303 1365: ıеаак the other witnesses. Cf. Gignac, Grammar i 299.
$10 \mathrm{~T} \eta$ '. High ink to the right of $\eta$ might have been taken as a stop. But dearly puncruazion makes
 Such interventions, when traditional orthography required the iota adscript, are not uncomemon, d. e.g. LIII 3721 (Theophrastus). Ofeen it is a correcting hand that intervenes: here the stroke looks like the work of the original scribe.

 sy $y^{\text {b }}$. In in as reconstructed chere is no room for $\delta u c \mu \omega v$ : perhaps кat $\delta u x \mu \omega \nu$ wzs omitred by parableppy; as in one MS of the Old Latin Version (IGNTP).

12 Here too the standard text, as supplied, produces a longer line than expected. Perthaps a short element was omitted: אat after vorou om. 131 and two MSS of the Bohairic version (IGNTP).

## D. OBBINK / D. COLOMO

## 5347. Philemon 6-8, 18-20

| 83/66(b) | $3.9 \times 4.9 \mathrm{~cm}$ | Fourth cenury |
| :---: | :---: | :---: |
|  |  |  |

A fragment of a codex leaf. $\rightarrow$ comes first, giving parts of ten lines and the right-hand edge of a column, while $\downarrow$ gives parts of nine lines and a left-hand margin. A line held c. $15-17$ letters and was $c .5 .5-6.0 \mathrm{~cm}$ wide. The whole epistle would occupy about 92 such lines: $\downarrow 2$ will be perhaps the 37 th line after $\rightarrow 10$. Five lines together with the interlinear space below the fifth take up an area 2.7 cm high. If the $\downarrow$ column is the next afier the $\rightarrow$ column, the column will have held about 45 lines and been about 24 cm tall. The format of the coder may then have been similar to that of the fourth-century P. Chester Bearty IV (LXX Genosis, Rahlfs 961 ), Turner's OT s (Typology 164), a two-column codex copied in a similar hand, with a written area measuring $13.3 \times 21 \mathrm{~cm}$ and an estimated page size of $18 \times 28 \mathrm{~cm}$. In that case, it would be one of the many codices belonging to Turner's Group s (Typology 16-17). For papyrus codices written in two columns, sec Turner's Table 3 (Typology 36) and K. Aland and H.-U.

Rosenbaum, Repertorium der griechischen christlichen Papyri IL.1 (1995) 396 n. 5; for New Testament examples, see LXXIV 4968 introd. (p. 2) and the INTF Kurzgefaßte Liste, hup://nrvmr. uni-muensterde/liste. (Alternatively, one could assume that the papyrus had one column to a page, or that each of the preserved columns is the inner column of a rwo-column page, but the dimensions of the written ares would be anomalous in either case.) The part of the epistle preceding $\rightarrow 1$, not including any initial title, will have taken up about 22 lines in this format, or about half a column, and the codex will have been abour u9 pages long if it originally held the entire Pauline corpus, or about 103 pages long if the Epistle to the Hebrews was omitted.

The papyrus was written in a relatively formal round book hand in the Biblical Majuscule style with considerable shading for its size, using carbon ink. The letters are $2-3 \mathrm{~mm}$ capitals, independent, upright though somewhat squat, and generally bilinear, although $\rho$, $v$, and $\phi$ project. The writing is better preserved on $\rightarrow$ than on $\downarrow$. There are occasional ligatures (e.g. $\downarrow 3$ ) and flourishes ( $x$ and $\tau$ ). The hand may be roughly assigned to the fourch century: cf. P. Amh. Il 24 (GBEBP ${ }_{13}$ ), assigned to the second half of the fourth century. The considerable shading suggests that the hand post-dates the beginning of the fourth century, though its relative lack of flourishes and the still substantial middle stroke of $v$ indicate that it is carlier and much less decadent than the Vienna Dioscorides, which is securely dated to c. 513 (GBEBP $2 \$$ ).

The scribe twice adds a stop in the upper part of the line ( $\rightarrow 5, \downarrow 5$ ); there is a forked paragraphos at $\downarrow 8$. Diaeresis is used at $\downarrow \mathrm{g}$. In $\rightarrow \$ 2$ rough breathing and perhaps an acute accent have been added (in greyer ink), in $\rightarrow 10$ a circumflex accent. One supralinear correction in the original hand occurs in $\downarrow 6$; cf. also $\downarrow 8-9 \mathrm{n}$. $\epsilon$ and 1 are confused in $\downarrow 4$, 7. If we can generalize from $\downarrow 4$, the scribe did not write iora adscript. The cases of $X \rho$ ectóc were written as two-letter nomina sacra $(\rightarrow 2,[9])$, except perhaps at $\downarrow 9$ before correction: see n . There is no other evidence for the scribe's practice in respect of the usual nomina sacra.

5347 overlaps $\$^{61}$ (P. Ness. II 5), assigned to the seventh century, which attests verses 4-7. The only other published papyrus of Philemon is $\$ 17_{97}$ (P. Köln IV 170), assigned to the third century, containing verses $13-15$ and $24-5$. Thus 5347 constitutes a rare early witness to the text, roughly contemporary with our oldest parchment copies.

Reports of witnesses draw on NA ${ }^{28}$ and K. Wachtel and K. Witte (edd.), Das Neue Tesrament auf Papyrus ii: Die paulinischen Briefe, Teil 2 (1994). In addition the full collations in S. M. Solomon, The Textual History of Philemon (Diss. NOBTS 2014), have been consulced. I record my thanks to Dr D. Colomo and Dr W. B. Henry for their many improvements to drafts of this edition.

```
->
    ]\piav[\tauос 6
        a\gammaa0ov \epsilonv] v\mu\epsilon!v[\epsilon]<< \overline{XV}\quad7
        \chia\rhoa\nu \gammaа\rho \pio]\\\lambda\eta\nu \epsilon<\chio\nu
        ка! \piарак]\\eta<\iota\nu \epsilon\pi!
        \tau\eta аүапп\ c]ov ӧть та
        <\pi\lambdaa\gamma\chi\nua] \tau\omega\nu a\gamma\iota\omega\nu
        аva\pi\epsilon\pia]ura\iota \delta\iotaa cou
        a\delta\epsilon\lambda\phi\epsilon \delta]!0 \pio\\lambda\eta\nu \epsilon\nu
```



```
10 \piו\tauасс\epsilonเ\nu coו то a]䜣[ 6 7 a \(\alpha a \partial o v \in \nu\)
\(\left.\chi^{\alpha \rho a \nu} \gamma a \rho \pi o\right] \lambda \lambda \eta \nu \in \subset \chi o \nu\) кає тарак］\(\lambda \eta \subset \iota \nu \in \pi \iota\) \(\tau \eta\) аүатŋ c］ov．oัть та \(\left.<\pi \lambda a \gamma \chi^{\nu a}\right] \tau \omega \nu \alpha \gamma \omega \nu\) алалєпа］بтаи סıa cou \(a \delta \epsilon \lambda \phi \epsilon \delta]!0 \pi a \lambda \lambda \eta \nu \epsilon \nu\) \(\overline{\chi \omega} \pi a \rho \rho \eta \subset \iota a \nu] є \chi \omega \nu €\)
10 тiтaccetv cot to a］p \([\)
```

$\downarrow$

 $\epsilon \gamma \omega \pi a u \lambda[$［ос сүраца $\pi \eta$ » $\epsilon \mu \eta \chi!\varphi \epsilon[\iota \epsilon \gamma \omega$ алот！ s $c \omega$＇iva $\mu \eta \mid \lambda \epsilon \gamma \omega$＜ot 0 ті каи＇avто［и $\mu$ от трое －філеı $\nu[a i a \delta e \lambda \phi e \quad 20$ $\epsilon \gamma \omega$ cov of $\sim a, \mu \eta \nu$ xp．I

 ayaOov $\eta 1739$ 188！it vg ${ }^{\text {anu }}$ ；Ambst．


$\overline{\chi y}$ ：remains of a diagonal ascending from left to right on the lower half of $\chi$ ，in greyer ink like that of the lectional signs in s：deletion？or simple smudging？No variant is recorded for $X$（picto）v herci many MSS add I $\eta$ couv afier it，bur 5347 has no space for even the abbreviated $\bar{w}$ ．


$s$ öte．The lectional sign might be seen as an extreme form of rough breathing in Turner＇s form 3 （GMAW2 p．it），but the right－hand oblique looks so deliberate that 1 have provisionally aken it an an acute accent touching the breathing to its left．
$\downarrow$
1］．．．［：a trace on the edge，followed by a diagonal descending from left to right（a，$\lambda$ ，or posibly $\kappa$ ？），then the lower part of an upright with further ink projecting righrwands at rwo－chirds height This
 text．

2 ro［c］ouzo：тovizo all MSS．After the first $\tau 0$ ，a hole of medium wideh．ro［ $\tau$ ］ouro（a banal dirtog． raphy）could be considered，but $\tau$ is too wide for the space，whereas \＆fits well．This new veriant make sense in the context，but has no clear advantage over the usual reading roüro．
eג入oja：or eג入oyєt．The MSS are divided becween these vatianss，and the spacing here cannot decide between them．


6 auton (to be understood as av́zón') corrected to eavtor: ceavtov almost all MSS: eavtov oi 90256 263365124119332110 (see Solomon 427; not recorded in $\mathrm{NA}^{28}$ ). In later Greck the form éautov̂ comes to be used also as a frst- and second-person pronoun, replacing é $\mu a u t o v ̂ ~ a n d ~ c e q u \tau o v ̉ ; ~ s e e ~ L S J ~ s . v . ; ~ R a d e r-~$ macher, NT Grammatik 73: BDAG s.v. Łautoũ rb; Gignac, Grammar ii 69.
$6-7$ прocodidece: l. -aфeideic. 5347 does not have the $\varepsilon v$ кupiw given by $D^{*}$ after this.
 $K$ 取 ar vg have not $X \rho i c \tau \omega$ but кupiw). In 8 a supplement $\rho[v a, \mu \eta \nu \in \nu \overline{\kappa \omega}$ would fit the space. The forked paragraphos then marks the sentence-end. However, it would normally indicate the end of a section rather than a sentence, and the next section-end comes later, after $\in \mathcal{X} \boldsymbol{\text { рıcтш }}$. We could then suggest that the copyist skipped from $\varepsilon v$ кupicu to $\varepsilon \nu X \rho \Delta<\tau \omega$ (especially if his exemplar had the variant $\epsilon \nu$ кupt $\omega$ here (00), omitring the words in berween. That would resolve one problem, but leave another in the next line, which certainly docs not continue with the text of verse 21 . It seems to begin $\chi$ p. . [, the final traces perhaps parts of a lef-hand curve; above $\rho$ and perhaps above $\chi$ there are remains of ink, possibly delecion-dors. That would suggest $\chi \rho \epsilon[1 c \tau-$, i.e. Xpıeт-: perhaps $X$ pict $\dot{\psi}$ was carried over from the line before, and then deleted. It is strange to find the word writren in full, not as a nomen sacrum, but it is very occasionally so written, as in B at I Pet. t.It and 2 Cor. 10.7 (both with xpeteт- corrected to xpict-).

9ff. The remaining portion of the standard text would occupy 14-16 lines.

D. LINCICUM

## 5348. Ezekiel Tragicus, Exagoge 7-40, 50-54 (Excerpts)

$152 \mathrm{~B} .43 / \mathrm{E}(\mathrm{c})+(\mathrm{g})$ back $23 \times 27 \mathrm{~cm} \quad$ Third/fourth century
Plate I
Four fragments of a sheet carrying on its front a private letter. On the back, two extracts from Ezekiel Tragicus corresponding to those in Clement of Alexandria, Strom. r.23.155-6: see below. Eusebius, $P E 9.28 .2-3$, has a fuller text, drawn from Alexander Polyhistor, $\pi \in p i$ Ioudaiwv (FGrHist 273 F 19), and Clement will be dependent on the same source: see H . Jacobson, The Exagoge of Ezekiel (1983) 36-7; W. Horbury, Messianism among Jews and Christians (2003) 66-8.

The text, written across the fibres, occupies 30 lines, of which lines $26-7$ are wholly or partly blank. The original sheet will have measured $c .24 \times 27 \mathrm{~cm}$. The scribe leaves a top margin of 1.7 cm and a lower margin of 1.1 cm . A left-hand margin survives to 2.1 cm ; on the right, the scribe continues almost to the edge in the preserved lower part, and a strip has been lost beyond that edge (note that the line-beginnings of the recto text are missing, and cf. $1-13 \mathrm{n}$.). The column was $c .20 .5-21.5 \mathrm{~cm}$ wide, with about 40 lerters to a line. For similarly long lines in private copies on reused papyrus cf. LXIX 4738 (Lucian) and LXXX 5226 (Dioscorides).

On the front, and the same way up, is a much-damaged letter from a certain Faus[rus] to an unknown recipient, written in a handsome third-century cursive of the chancery rype. The top and right-hand margins survive; there is no clear margin at the foot, but since the letter has aready begun the final greetings in line 26 , it may be that line 30 , the last surviving, was the last or nearly the last of the letter. A central topic is the delivery of large quantities of pitch in lumps
( $\beta \hat{\omega} \lambda o \iota$ ), but not enough survives to show the purpose of the delivery; the substance was in demand by various trades, see XXXI 2580 introduction (for the pitching of wine-jars add e.g. L 3595). We might have expected to find an address on the other side, but none can be seen.

The handwriting is a careless and slapdash attempt at a literary seript, slanted to the right. Letters are normally made separately, with a few regular ligatures (ai, $\boldsymbol{c i t}^{\prime}$ ) $\mu$ (legs curved and widely splayed) and $\pi$ (wide, the horizontal projecting to either side) contrast with the narrower forms of other letters; o (sometimes circular, sometimes oval) and $\omega$ (wide and shallow) foat high in the line, by contrast with the descenders of $\iota, \rho$, and $\phi$, which reach almost to the line below; the tail of $u$, sometimes sinuous, is more curtailed. These contrasts recall informal sloping examples of the 'formal mixed' style such as XXVII 2458 (Euripides, GMAW2 32 ), asigned to the third century; other more cursive relations, like XXXIII 2656 (Menander, GMAW ${ }^{2}{ }_{43}$ ) and P. Bodm. IV (Menander; GBEBP 5b), have been variously assigned to the earlier or later fourth century (on P. Bodm. IV see the tenuous arguments of P. Orsini, Adamantius 2I (2015) 64-6). 5348 has some likeness to the signature of BGU IV 1092 (GBEBP 66), dated 372, but that has more distinctively Byzantine characteristics. We incline therefore to assign our papyrus to the (later) third or (earlier) fourth century.

There are no lectional signs except diaeresis ( $i \delta-1, \mathrm{ir}$; in $24 v \pi$ - the area above $v$ is lost) and elision mark ( $9,11,12,15$ ); unmarked elision 19, scriptio plena instead of elision 24 (wisce), scriptio plena instead of crasis $\varsigma \tau \alpha$ арєєvıка, 16 каı є $\epsilon \alpha \beta \epsilon \nu$. The scribe leaves occasional blanks (indicated by ' in the transcript): in 7,16 and 19 as punctuation, but elsewhere ( 14,21 ) apparently random, something to remember in estimating the lengths of supplements. His orthography is correct, with the exception of phonetic außpatoc for 'Eßpaioc ( 5,12 ; correct in 14 ) and
 by adding missing letters above or within the line ( 19,21 ); he blots out a wrong letter in 3 , and crosses out a phrase wrongly repeared with heavy horizontal strokes (16). He does not abbreviate $\mu \eta \eta^{\prime} \tau \eta \rho$ and its cases $(6,15,20)$ to a nomen sacrum, as happens in che MS of Clement. See further 22 n .

5348 contains verses 7 to 40 (part only?) of the play, then two lines at least partially blank, then verses 50 (omitting the first foot) to 54 . This reproduces exactly the quoation in Clement; the blank corresponds to the prose summary with which Clement replaces verses $4^{1-9}$. Note also that 5348 follows Clement in moving straight from verse 31 to verse 32 , whereas in Eusebius a linking sentence after 31 may indicate chat some verses have been omirted. This all confirms that $\mathbf{5 3 4 8}$ does not derive from a complete text of Ezekiel. It is an isolated sheet, first used for Faustus' letter, then reused to copy these excerpts directly from Clement. It is now our earliest witness for Ezekiel's text, at least as Clement quoted it.

The trimeters are written out as continuous prose, in long lines, with no indication of verse-divisions. This is common in school exercises (Cribiore, Writing, Teachers, and Students 87-8). Speeches from drama form a rypical exercise, see e.g. LXXXII 5293 (Menander), XLIX 3432 (New Comedy), LXXIX 5183 (Euripides). 5348 itself does not look like a school exercise: the hand is practised and slapdash, not the hesitant and clumsy script of a learner. But the format, the informal script, the messy deletion in 16 , and the absence of lectional signs ail point
to a private copy, made for the pleasure of writing or for the interest or rarity of the content (the life-story of Moses, narrated by Moses himself, which formed the prologue of the play). The scribe may have chosen the prose format for himself, or taken it from his source (che MS L of Clement certainly writes the verses as prose). If he did indeed draw directly on Clement, it is interesting to find that the Stromata, a substantial book, circulated in Oxyrhynchus at this relatively early date. The only other relevant papyrus, P. Köln VII 297 (assigned iv/v ad), which concains parts of Strom. 6.8 ( $\mathrm{KV} 9 \mathrm{a}+\mathrm{b}$ in K. Aland and H.-U. Rosenbaum, Repertorium der griechischen christlichen Papyri II.1 (1995) 40-45), is of uncertain provenance.

Since 5348 rransmits Clements exrracts from Ezekiel, it naturally tends to side with the medieval manuscript of Clement (L) against the medieval manuscripts of Eusebius (BION): 4
 n.). In some places where the reading of BION is metrical and that of L unmetrical, it agrees with the Eusebian tradition, evidence perhaps for Clement's text before it was corrupred: 8 ( 57 ) $\left.\left.a_{k}\right] \rho a, 14(25) \epsilon\right] \pi, 16(27) \mu$. But it agrees with Eusebius also in writing eкк $[\tau t$ rather than eк $\eta$ rt at 4 ( 11 ) and probably $\delta_{!}^{\prime}$ rather than $\mu^{\prime}$ at It (21). It adds one unique error, $\delta \eta$ in 6 ( $\mathbf{1 4}$ ), unmetrical, and apparently omitted a word in 30 ( 54 ). It joins the whole medieval tradition in apparent corruptions at 9 ( 17 ) $a \delta \epsilon \lambda \phi \eta \mu \omega \nu$ and ${ }^{13}-14$ (24) $\tau \omega \delta \epsilon(\ldots) \pi a \iota \delta$. It sustains the much emended кóдтос in 25 (39).

For the collation we have used Snell-Kannicht, $\operatorname{Tr} G F \mathrm{I}^{2}$ (Berlin 1986) no. 128 (pp. 288301), together with the critical editions of Clement (GCS Clem. II ${ }^{4}$, Stählin-Früchtel-Treu, 1985) and Eusebius (GCS Eus. VIII.1 ${ }^{2}$, Mras-des Places, 1982). Of Clement we have only one primary manuscript, L, of Eusebius four, BION; L, B, and O have been checked online. In the notes, 'Clem.' gives the reading of L, 'Eus.' the consensus of BION.

Recent editions of Ezekiel include those of H. Jacobson, The Exagoge of Erekiel (1983), C. R. Holladay, Fragments from Hellenistic Jewish Authors ii (1989) 301-529, and P. Lanfranchi, L'Exagoge d'Ezéchiel le Tragique (2006).

In the transcript, suprascript numerals mark the individual trimeters as numbered in TrGF




 єс Batuppoov ${ }^{14}$ [ $\left.\epsilon \nu \tau\right] \alpha u \theta a \delta \eta \mu \eta \tau[\eta \rho \eta$ $\tau \epsilon к о и с є к \rho \nu \pi \tau \epsilon \mu \epsilon$






 $\pi \alpha \iota \delta \iota \epsilon \nu^{*} \rho \omega \tau \alpha \chi \nu^{25} \epsilon_{\epsilon} \tau \omega \nu E \beta \rho[a \iota \omega \nu \delta \epsilon] \pi \epsilon \epsilon \pi \epsilon \epsilon \nu[c] \epsilon \nu$ ко


 c $\theta$ оv ало
 $\delta \epsilon \kappa a[\iota \rho о<\nu \eta \pi \iota \iota \nu \pi a \rho] \eta \lambda \theta \epsilon \mu[\epsilon]{ }^{33} \eta \gamma \epsilon \varphi \mu \epsilon \mu \eta \tau \eta \rho \beta a$



 $\left.\epsilon \omega \nu{ }^{39} \epsilon \pi \epsilon \iota \delta \epsilon \pi \lambda\right] \eta \rho \eta \subset$ ко入 $\pi о<\eta[\mu \epsilon \rho \omega \nu \pi a \rho] \eta{ }^{40}{ }^{40} \epsilon \xi \eta \lambda \theta o \nu$ o！


 тоv $\epsilon \chi \theta \epsilon \subset \alpha \nu \delta \rho \alpha$ каь $\delta \epsilon \iota$ ］сас $\epsilon \gamma \omega^{54}$［．．．．．］．．．．．．［．］．$\mu \phi[$

1－13 The line－ends are lost．14－25 give guidance in estimating the lengths of possible supplemens， but the writing there goes right up to the edge，which suggests that the original sheet extended further to the right（see introd．）．This is the justification for printing supplements in 7 and 11 which would project c．1． 5 cm beyond the edge as now preserved．

3 （ıc）$-\mu$ uac with Clem．Eus． $\mathrm{N}^{2}:-\mu$ aic Eus．BION ${ }^{1}$（ $-\mu$ iac conjectured by Sylburg）．
4 （i1）$\pi$ odect with Clem．：$\pi$ ódect Eus．
тє $\pi u \rho[$［your］：so Clem．and Eus．：editors adopt Sylburg＇s emendation t＇inúpyou．We restore［youe］ to fit the gap as we estimate it．But the script is irregular，and we cannot exclude 7 enve［ $\gamma \quad \mathrm{rou}]$ ．





$\gamma$ eves：of e only a vertical trace in the upper part of the line，but the lower exrension of 1 is clearly visible well below the line．So Clem．Eus．The conjectures youphe（Wilamowir，KZ．Schr．iv s73）and yém （H．Jacobson，$A / P^{98}$（1977）415－16）arc excluded．

6 （13）Ba日uppoov：so Eus．，Ba日íppov Clem．
 grammar. The latrer is perhaps less likely, since this copyist would normally write an elision mark after $\delta(\epsilon)$; there is a hale at the relevant place, but we might still expect to see some srace of the sign, if it had been writen.

7 ( ts ) w cc with Clem.: ovic Eus.
8 (17) aк] $\rho a:$ so Eus.: $\alpha_{\alpha} \times \alpha$, Clem.
9 (17) $\beta a \theta v$ with Clem.: Sacú Eus. (perhaps an intrusive gloss on Xáciov).
 the elision mark or not). Editons emend to $\dot{\alpha} \delta e \lambda \phi \eta^{\prime} \mu o v$.
${ }^{n}$ (21) $\delta^{\prime}$ 'with Eus.: $\mu$ 'Clem. Only the lefmost part of the letter survives (ink at line-level), but the trace berter suits the lef-hand angle of $\delta$ than the simple first diagonal of $\mu$.

12 (22) Aıßpaiov: L. 'Eßpaiov.
 пardi $\tau \psi \hat{\psi}(\epsilon)$. The traces in the papyrus are minimal, except for $\boldsymbol{T}$ (high horizontal and specks from the sloping uprighe) and $\omega$ (perhaps parts of the first loop). After $T \omega \phi[\epsilon$ there would be room for two or three more letters (the article $7 \omega$ ?), but the scribe may have leff the line short in order not to divide $\pi \alpha, \delta$, in which case his reading coincided with that of Clem.

is $(26-7) \tau] a x[\nu] \quad[v] T \eta ;$ minimal uraces of the dotred letcers.
$\tau \in \boldsymbol{\gamma} \in$ conjectured by Stephanus, not confirmed by the papyrus.
16 (27) [wappy taxy] wrongly repeated from the preceding verse. The seribe's cye slipped from кau in this line to кat in the line above. Thus кat eגaßey was writeen in full. The Clem. and Eus. MSS also have scriprio plena.
 naßer sic Clem.



 237-80 2t 244.

19 (3t-2) After 'बंग' yóvoc the papyrus, like Clement, continues directly with verse 32. Eusebius

 scholars have deduced that some verses have been omited. See Jacobson (1983) 77.
 equally possible as a supplemene.
 fact O omis $\mu \epsilon$ ). Bur the traces are minimal.

20-2I (33) Ba|culioc. The copyist originally omitted $I \Delta$ afer $I \Lambda$, then squeezed $I$ in after $\Lambda$, with $\Delta$ writuen directly above it.

22 (3)) We supply $\theta_{\text {cov }}$ in full, but in fact Clem . and Eus. BO write $\boldsymbol{\theta}_{\mathrm{u}}$.
 $v \pi[[x p \in\} \in[$ ['] (Eus. BI) may not be excluded.
${ }_{25}(38)$ Ewr supplied from Eus.: èva Clem.

25 (39) кóגпос with Clem. Eus. I: кódroc Eus. BON. кúкdoc conjectured by Kuiper (99 n.) 245 , каıро́< by B. A. Müller, PhW 54 (1934) 703, öגкóc by C. U. Crimi, SicGymn 31 ( 1978 ) 511-15.
$\left.\pi a \rho\right|_{\eta \nu}$ (of the dotted letters minimal traces) with Clem. Eus. ION: $\nexists \nu \nu$ Eus. B, too short for the space here.

26-7 The surviving parts of these lines are blank. No doubt the first part of 26 was originally occupied with the completion of verse 40 up to $\beta$ actetexwiv (as in Clement). The blank corresponds to


 $40 \pi \rho o \dot{c}-55$ тaxu゙).

28 (so) ee $\theta \in v:$ e $\theta \in$ apparently correcred from someching now illegible.
28 ( $\mathrm{gI}^{\prime}$ ) e (probably with an elision-mark now lose to damage) fits she space beteer than ee in full.
 viving in 5348 give no clear lead.
$30(53-4) \delta e t]$ cac $\varepsilon \gamma \omega$ is clear. This line was probably writen by the original hand, though the ink is thicker, but at only half the normal line-space from 29: it seems that the scribe had to save space, in order to fit his text onto the sheet.

 the copyist omitted ede $\xi a$, by accident or as superfluous.
D. OBBINK / D. COLOMO

# II. NEW LITERARY \& SUBLITERARY TEXTS 

## 5349. Hexumeters

Two fragments of a roll give che top of a column, with an upper margin preserved to a depth of 3.9 cm and remains of ten hexamerers. The fibres can be traced from (a) into (b), and a probable supplement in line 3 gives the distance between the fragments. The edge of a kollesis runs down 2.1 cm to the right of the left edge of (a).

The hand is an example of the 'Roman Uncial', similar to that of the Hawara Homer (GMAW2 i3); cf. in general G. Cavallo, Il calamo e il papiro (Pap. Flor. XXXVIII; 2005) 151-6r. It is generously decorated, with some long left-pointing bar finials emphasizing the base line: note e.g. those on the second $\rho$ of line 1 or the last $\tau$ of line $\varsigma . \epsilon$ is often closed at the top, as e.g. in LXXVIII 5153 (Plutarch). For the dating of this rype of hand, cf. most recently F. Acerbi and L. Del Corso, APapyrol 26 (2014) 59-63. There are no lection signs except diaeresis on an initial $u$ (6); elision is not marked (4). A short horizontal cancel stroke ar mid-line level, perhaps due to the hand of the text, marks deletion (1). There is no evidence for the scribe's practice in respect of iota adscript, unless $7 \epsilon t \omega$ stands for $-\epsilon t \omega t$.

The first line of the fragment refers to the darkening of fruit, and the last two lines contain nautical vocabulary, but most of the fragment ( $2-8$ ) is concerned with astronomy: there are references to indications provided by the stars, the twelve signs of the zodiac, the circumpolar constellations and their circular motion, the ecliptic and its northern turning-point, and the central axis of the cosmos. One may imagine that the importance of the stars for seafarers accounts for the nautical vocabulary in the final lines, but there is no clear indication of such a connection in the text.

Nothing in the theme, language, or metre is incompatible with the assignment of the fragment to a Hellenistic author. It is not dear whecher the rest of the poem was concerned with astronomy, but if it was, possible authors include Aratus (cf. SH 86-91), Hegesianax (SH $46 \varsigma-70$ ), and Hermippus ( $\mathrm{SH}_{48} \mathrm{~s}-90$ ).

A point of linguistic interest is the early appearance of the metaphorical use of vúeca with reference to a celestial point, a usage later taken up by Nonnus ( 7 n.). There are no metrical points of particular note. The spondaic line-end c $\eta \mu$ aivouciv (2) is paralleled in Aratus: see n .

I am very grateful to H. Bernsdorff, D. Colomo, C. Geißler, W. B. Henry, D. Obbink, P. J. Parsons, M. Perale, and H. Schmedr for their valuable comments.
(b)


2]. [. a long horizontal stroke on the line, eng. $\delta$; rubbed remains on the line, egg. the wo lobes of $\omega \quad 3$....[, rubbed races, perhaps the left -hand are of a round letter; specks 4]., specks ...[. abraded traces, perhaps an upright with specks to the right S...[. specks ]. a trace on a single fibre ac letter-top level 6 . .[, rubbed traces: perhaps the upper lef-hand are of a circle; perhaps the lower end of the oblique and the top of the second upright of $u$ 7].[. ink on the line, perhaps a hook pointing to the left .... rubbed traces, perhaps parts of the lefi-hand are and cross-bar of $\epsilon$; specks ], a high trace on the edge 8. .[, a bendy ascending oblique with an oblique serif at its foot joining a descending oblique at mid-line level, with the surface lost or stripped below and to the right: perhaps $x$ rather than $a$ or $\lambda$; on a single fibre, a speck at mid-line level 99. most of an oval letter 10], the upper part of an upright with blank surface on cither side at the top: $\eta$, t, or $v$ _ . , a trace on a narrow projecting strip, perhaps the top of an oval letter; the hooked upper right-hand corner of $v$ or $x$ tap, tops only .., the top of an oval letter on a narrow strip, perhaps part of the top of another oval letter ., the top of an oval letter
$\pi \mid \epsilon \rho \kappa а[\zeta .$.$] { }^{\circ} \pi \omega \dot{\omega} \rho \eta$
] < $\eta \mu$ аivoveı

] ß̧орє́ao . .[ ] Sıaфaiver' lóvтa
]таı vотьо...[ с]трофа́дı $\gamma[\gamma]$ ! форєітаı





'fruit darkens (or: darkened) ... (they) indicate ... all rwelve being clearly observable ... north ... stand out, going ... southern ... moves in a whirl ... (from) bencath ... paths of the sun ... from the summer curning-post ... central axis of the cosmos ... harbours ... in anchorage ... stern-post ... to the setting (?) ... cargo ship'


 could also mean 'late summer', the period from the end of July until the beginning of September, or in astronomical terms, the time berween the rising of Sirius and the rising of Areturus: cf. LSJ s.v. ómépa.
 subject is ácrépec, but here it appears to be the rwelve signs of the zodiac, cf. 3 n .


 the signs of the zodize at Arat. 455 (éówia) and 550 (cf. also Anub. F1a.2 Schubert (LXVI 4503 fr .1 i 2)


4 Bopéco. Bopéac can mean either 'north wind' or 'north'. Bopéce at Arat. 319 is followed by vóroto
 Arat. 507-8 Bopécoo | íc vótov, Call. Hec. fr. $69.11-12 \mathrm{H}$. vóтoc ... Bopétç (winds).


§ vorio. . . |: probably 'southern', ef. e.g. Arat. 238, 490.




6 vinevep $\theta \in$. . Perhaps 'below' (i.e. to the south of') and to be connected with the content of the previous line.



7 vúcea may refer to the northernmost point of the ecliptic, of. Nonn. D. 38.284. On this metaphorical use, of. W. Peek, Lexikon zu den Dionysiaka des Nonnos (1968-1975) s.v. púcea III, who refers to V. Stegemann, Atrologie und Universalgeschuchre (1930) 30 n .1 .
$8 \mu$ écov $\ddagger \xi a r[a] \kappa o ́[\varepsilon] \mu o v$. ä $\xi \omega \nu$ is first used of the axis of the cosmos (LSJ s.v. I. 3 ) in Arat. 22: cf. Kidd's note.

9 入1péve[c or -E[ect(v).
]גovea may agree with ọ́Anác in the next line. Another possibility is ávre $\lambda$ ] Aovea used of a star or constellation: cf. perhaps $\delta$ view in the next line.
öphov. öp $\mu$ oc can mean 'anchorage' (LS] s.v. II.ı; LfgrE s.v. öp $\mu$ oc II). Cf. Aeréve[c carlier in the line.
 Homeric hapax, cf. $1 / .15 .717$ with Janko's note; LforE s.v. There are three examples in A. R. (1.1089, 2.601, 3.543).
]. .єтaı. Probably the end of a verb.
 $\delta u ́ c t v$ 'Aрктос, where $\delta$ и́cse perhaps means 'west' rather than 'its setting': ©f. Gow's note. For $\delta \dot{\text { úerat }}$ of constellations, cf. Arat. 309, 627. 688, and 690.
 n. ódкác is a doubtful reading in Philolaus 44 B 12 DK, a fragment of questionable auchenticiry: of. C. A. Huffman, Philolaus of Croton (1993) 392-5.

> M. REINFELDER
5350. Early Hexameters (Addendum to XXX 2513 + LIII 3698)

17 2B. $53 /$ F(b)
$2.4 \times 4.1 \mathrm{~cm}$
Second century
Plate IV
The present fragment seems to belong to the same manuscript as XXX 2513 and LIII 3698. Its inventory number is close to that of the latter, $172 \mathrm{~B} .55 / \mathrm{H}(\mathrm{a})$. The text is on the back, and the front is blank; 2513 and 3698 are copied on the back of a register that includes large blank areas. I have not noticed any clue to the subject-matter. The other two pieces are discussed in the introduction to LXXIX 5190, a copy of hexameters in a similar hand but not part of the same roll. The thick dor placed over the right-hand side of the first $a$ in line s, no doubr by a second hand, is the only lection sign. Elsewhere, short thick obliques added above the line are used as stops (cf. the note at the end of the commentary on 3698), and the dot at 5350 s no doubr has che same function; the shortest of the punctuating obliques, at 2513 28, is quite similar in appearance. The edge of a sheet runs down the fragment on this side 0.6 cm from the right-hand edge.


1. [, abraded, perhaps the lef-hand end of a high cross-bar ( $\tau$ ?) - or $\pi$, abraded on the right 4 . . [, two low craces on the edge nwo oval letrers

 epic, the verb is found only at line-end except at Ih. $24 . \%$, where тodínevee begins in the second foot. The



These items add to a genre that we know only from papyri. For a collection of similar texts up to 1960 , see H. Musurillo, Acta Alexandrinorum (Teubner, 1961), quoted as AA. For a catalogue of texts published since, and a general discussion, see A. Harker, Loyaly and Dissidence in Roman Egypt (2008), and N. Vega Navarrete, Die Acta Alexandrinorum im Lichte neuerer und neuester Papyrusfunde (Pap. Colon. XL; 2017). For a recent overview of the genre and further biblography, see D. Colomo in M. Edwards (ed.), La rhetorique du pouwoir (En(retiens Hardr LXII; 2016) 209-53.

5351. Acta Maximi

$415 \mathrm{~B}, 83 / \mathrm{J}(\mathrm{I}-4) \mathrm{c}$

$$
8.6 \times 14.5 \mathrm{~cm}
$$

Thisd cennury
Plate V
A ragged piece, broken at both edges and at the foot; the top margin survives to 1.9 cm . The writing runs across the fibres. On the other side (original recto.), and upside down in relation to this rext, we find remains of a list with names in the genitive and numbers of arourai.

The hand is a good cursive of chancery type, assignable to the chird century. No lectional signs, except diastole between double consonants ( $\mathbf{I}$ ); acute accent in 9 and perhaps 1 and 4 , circumflex accent in 13 . No punctuation, except perhaps a high stop in 5 , but che copyist often leaves short blanks, of which most can be seen to mark clause-end.

The sensational rhetoric suggests a trial, and the proper names Heraeus and Maxi[mus] point to the Acta Maximi commonly printed among the 'Acts of the Pagan Martyrs'. For the two older sources see AA VIIA and VIIB. BKT IX 177 may now be added, see the discussion by P. Sarischouli, APF ss (2009) 454-6t. P. Mich. inv. 4800 refers to $\mu$ ats $[$, and Musurillo doubtully assigned it to the same rext (AR XXII), but see C. Rodriguez, JJP 39 (2009) 161-97. 5351 makes a second copy from Oxyrhynchus.

Detailed reconstruction of the content proves difficult. No line survives complete; the written width of the column, now $c .9 \mathrm{~cm}$, comes close to the normal limit for prose literary texts (Johnson, Bookrolls and Scribes 108), but of course this pseudo-document may have been formatted as a document. When we look for a connecting thread, we have to remember the conventions of these (actual or fictional) reports of proceedings: in summarising the rhetoric, the reporter may well leap from point to point. Heraeus and Maximus are involved, whether as speakers or as part of the narrative, which in turn might refer to the present conduct of the tria or to the past conduct of those involved. On the face of it, $3-7$ refer to punitive action raken (by Maximus); Maximus replies 'I freed him, I did nor kill him'. Maximus has been described as 'the tyrant of so great a [city]' (s), presumably Alexandria, and elemens in what follows probably refer to the city's patron god Serapis.

This edition owes much to the conrributions of Dr D. Colomo and Dr W. B. Henry.
]. t'тіос pouфос каноиу'ккivoc . .[



 ]cті тоито оситєтоипкас $\mu$ к $\xi$ !

 ]. єт. . $\mu$ одó ${ }^{\prime} \omega$. amo入oyou . [ ].єүа.[].. []тои $\gamma$ дикитат . . ${ }^{\nu}$.! ] גoyıac ü . . ¢pov.\%o. . . a [ |. .єүop!.].[.]anoגvo van . . T.

 ]p каıт. . . $\omega v$ каи. [
 ].e[.]. $\lambda \eta \boldsymbol{\eta} \boldsymbol{\sigma}$. $\theta_{\epsilon}[$ ].[.] $\quad$. $\omega$ [


1]., tip of horizontal at half-height ...[. upright joining top-piece which curves down to the right; descender reaching well below the line (together $\pi \rho$ ? ) 2 1 , , small upright trace at mid-leve); another, lower down $\quad 3 \nu$. . , upright; after a gap, horizontal ink at half -height $\quad 4 x$, see comm. $\omega_{\text {. . , leff-hand parts of oval; foot of upright curving to left s. [, leff-hand arc 8] . , horizontal }}$ at half-height; mid-part of upright, probably continued by ink above line, curving to left ( $!$ ?) 9 ]., on the edge, convex trace above the letter-tops, point below on the line r. . , lower part of narrow oval?: foot of upright $\quad \omega_{\text {, }}$, see comm. io ], ink ar line-level $a_{\text {. []. . ink on edge level with }}$ letter-tops; two uprights, horizontal above ( $n$ ?); lower left quadrant of oval r. . . distorted ink in upper part of writing space; upright bending leftwards at top, then ink level with letrer-tops (together, $u$ ?) $\nu_{0}$, leff-hand side of oval in]. shallow right-hand curve $\dot{v}$.. , lef-hand arc; $y$ or right-hand part of $\tau \quad v_{0}$, top right of $v$ looped then ink attached to cross-bar of following $\psi$ (small o?) o . ., first, wide curve at line-level (belly of $\mu$ ?); third perhaps elements of oval a, short oblique, rising left to right, level with letter-tops 12]..exow. ]. [1. see comm. $\quad \theta_{\text {, }}$, top and foot of upright $t_{\text {. . , elements }}$ of small oval (o?); on the edge, beginning of horizontal level with letter-tops 13] , horizontal joining $\omega$ just below the top 140 . lower part of upright? |. |, upper left quadrant of circle or oval is $\pi$. . ., see comm. 1, , upright on edge, short horizontal projecting leftwards at top 16 ] , ink from left joining $\omega$ near its base 17] , ink joining $\rho$ at mid-height ], ink rising from left to join $\lambda$ at mid-height 18 see comm.

## 

 ]. . $\pi \epsilon \rho i$ тои́тои $\epsilon \phi[\rho]$ óv cav aкоu[

'... Mertius Rufus and Juncinus ... thought about this. [Having heard this?] Herreus gave orders about ... (s) ... you, the tyrant of so great [a city?] ... this that you have done [is shameful?] ... Maximus ... I released [him], I did not kill [him] ... he became a dog-head ... defending |himself! with ready speeches ... (11) [As to his] defence we shall see later on ...'

The original line-lenget remains uncertain. Plausible supplements in $6-7$ and $13-14$ would fugger c.4o letters per line. It is possible that $3-7$ preserve the original line-beginnings, in which case there might be room for only one more letter before $1 M$ éftioc.
s $M$ ) \{́тrıoc 'Poüфoc: Prefect of Egypt 80-91/2.
кa(i) Iovyкeivoc: substantial blanks before and after this word-group. The scribe write simply кatovy'кetvoc, presumably a graphic or phonetic mistake, since I cannot parallel a Latin name Uncinus, complicated by the apparent acute accent on tit. But who is this luncinus, and how does he relate to Mettins Rufus? It might be that he held office at the same time, in that case a lesser office. It might be that he came later than Rufus, in some office which allowed him to rule on the matter. On the normal assumecion that the Maximus on trial is the Prefect of $103-7$, we have a terminus ante quem, which excludes (1) the Prefect L. Baebius Aurelius Iuncinus, who held office in $212 / 13$, and (2) the official (iurridicus?) Flavius luncinus, who settled a law case in P. Tebt. II 286.10 (M. Chr By), citing a rescript of Hadrian dated 14. xi. 131. Perhaps we should think of L. Baebius L. f. Gal. luncinus, whose curs appears in CIL X

6976 (ILS 1434: I. Bitto, Le iscrizioni greche e latine di Mesina, 2001, pp. 147-9): praf. fabr. praef. col. IIII Raetorum srib. milit Lg. XXII Deiotarianae praef. alae Astyrum praf. vchiculorum iuridicus Aegypti (PIR ${ }^{2}$ B oo18). Scholars used to assign him to the early second century, assuming that his penultimate post, the praffertura tehiculorum, was not created until then. We now know that it existed already under Vespasian (AE 1973 p. 143 no. 485,1974 p. 153 no. 583: A. Kolb, Transport und Nachrichrentransfer im römischen Reich (2000) 162). That allows us to assume that luncinus' term as iuridicius overlapped the prefecture of Mertius Rufus, or followed shorly after; the list of iuridici by N. Kruit and K. A. Worp, Tyche 16 (2001) 92-6, shows no other candidate securcly dated to the period between Gaius Umbrius in AD 87 (sec P. Gen. $\mathrm{I}^{2} 4.1 \mathrm{n}$.) and [Flavius] luncus c .120 (see W. Eck. AClass 42 (1999) 72). Another Baebius Iuncinus, also a miliary tribune, appears in the consilium of the Prefect in AD 63 (P. Fouad 21.7). W. Eck, Die staatliche Organisarion haliens in der hohen Kaiserarit (1979) 90, revives the suggestion that the tribune and the iuridicus were the same person. The new evidence does not exclude ehis, though it would imply quite extended terms of office in berween.

1-2 .. .l: upright with horizontal extending righrwards at the top, then long descender: $\gamma \boldsymbol{\rho}$ !? E.g.

${ }^{2} \phi \phi[p]$ óncav. The shor blank following suggesss puncruation. The subject, presumably, is the owo officials named in 1. For a possible sense sec 1. Prose 57 B. $36-7$ (OGIS 669; commentary in G.


 прoceitajev, and we have to decide whether his 'order' forms part of the trial or part of events being narrated at the trial. Alternatively "Hpaioc might be the name of the speaker, and $\pi$ pocéragev (sc. Maximus?) begin his utterance. Agzinst this: there is no punctuation space afier "Hpatoc. In favour: s-6 clearly do belong to a speech, and one directed at Maximus.
$3^{\text {"Hpatoc: }}$ dhe cross-bar of eta projects leffwards, perhaps to link with a letter before, more likely as a flourish on the first letter of the line. Dr Colomo recognized "Hpacoc as appearing in Acta Maximi B 38 and 48 and (perhaps the same person) in Acta Asherodori 58 . At B 38 he is the speaker, and describes himself, if the supplement is correct, as speaking 10 oppose (evarriucic) and refute (èney $\xi$ cc) his adversaries. He appears in company with a gymnasiarch, and it seems likely chat he forms part of an Alexandrian delegation in the case against Maximus.
ov. . . |; there seems to be too much ink for oune[ or ouße|. outre| might be read (not ouncap-, oviкךс( $\mu-$-). A personal name $O_{\text {uncéproc occurs in inscriptions. }}$
$4, \propto \lambda \eta$ jpw. Before $\kappa$, a narrow loop, then a hole, then ink joining $\kappa$ at rwo-thirds height. I had tried i$\kappa \lambda j$ j$\rho \mu$, but the loop lies improbably low in the line, and the word iself is unexpected. WBH suggesss

ęraupề DC. Roman governors could use crucifixion for a variery of offences, see M. Hengel, Crucifxion in the Anciens World (1977). It is rarely mentioned in documents, and nowhere in the other Acta, unless XXII 2339 belongs (see Harker 80-81). Philo liss it as the last and worst of the tortures inflicted on

加 (Flacr. 72, cf. 84 (vi 133.10-12, 135.13-14 CR)).
 An oblique trace above the line, apparently an acute accent, points to a vowel, e.g. $\pi p o c i \in \pi[\eta \xi \in(\nu)$ or $\pi p o c e ̣ p[\eta \xi a c$, a standard verb for fixing the vicsim to the cross. But it seems from 7 and 12 that the sentence was not carried out.
s Possibly nóde]we. After it, a short blank. If this serves as a comma, we mighe apect e.g. nódeack to follow later in the lacuna, but the substantial blank afrer túpavooc may in turn suggest sentence-nd.
ripavvoc applies elsewhere in the Acta to the Emperor (Commodus?), Acta Appiani B ii s, $12-\mathrm{ry}$. Dr Colomo notes recent discussions of the concept by N. Vega Navarrece, 'Acte Appiant: Gerüchte über den kaiserlichen Hof in Alexandria'. Pap. Congr. XXVII (2016) 301-11, esp. 3n with n. 24; C. Rodrigue, 'Le cri d'une victime de la tyrannie: la théáralisation des débats dans les Acta Appiani', ibid. 279-300, esp. 283 n. 13, 292-3, 295-300.



Space represents punctuation? Má $\xi$ [ $\mu$ oc might be part of the narrative, or the name of he speaker: the first person verbs in 7 suggest the latter. Note however that in the other fragmenes of the Ara Mocimi he does not appear as a speaker in the trial. Here too it is possible that he and his words are being quoted
 must allow for another speaker-name ("Hpaioc?) before any reply.

7 к $\lambda \eta$ ทिрч? Cf. 4 note.
 ápoupaîo Oivópaoc.

кuvoxé申aloc might mean 'baboon' as an animal, or a Doghead, one of che barbarian ribe which plays is part in ethnographic myth from Hesiod (fr. 153 MW) and Herodows (4.19) onwards; or, more remorely, the god Thorh (baboon-shaped) or the god Anubis (dog-headed). In this general conterı we


 untamable and lecherous (Agatharch. Mar. Eryd/r. 74 (GGM i 169). Acl. NA 7.19): 'man' (ar*pwnoc) is the measure of all things, not the pig or the baboon ( $\mathrm{PI} . \mathrm{Tht}_{1} 161 \mathrm{C}$ ). In this paricular contert. between Maximus' brief retort in 7 and the reference to 'ready speakers' in 9 , we could chink of a special characteristic of the Dogheads: they communicate only in grunts (Simias fr. 1.12-13 (CA p. 109), D. S. 3.35.5. Ael. $N A$ 4.46, Agarharch. I.c.).
 there is no wide blank, as in 6 , before the mu.
 jective from the corresponding verb (though that is not actually attested)? Afier $\omega$, apparenly a correaced letter, then a blank. The altered letter might be c , as Dr Henry suggests, with a delecion stroke designed




 rdeкútatoc normally applies to people.

It úşepov: the second upright of nu is curiously looped, as if a narow omicron overlapped ir;
 cross-bar of psi. For the phrase, cf. Gal. Cur. Rat. Ven. Sect. 9 (xi 280.14-15 K) mepi $\mu \mathrm{ev}$ oin' tive ír roúrock






13] $\omega$ поגtei: the initial trace is a horizontal, joining the omega near its top; nodeef with space before and after and an apparent circumflex accent by the same hand. The spacing suggests taking nodıei







Ti.c oicou $\begin{aligned} & \text { il } \\ & \| \eta c \text { ? }\end{aligned}$ the Jews (Acta lsidori IVC. 23 , cf. P. Jews ( $=$ CPJ 11 153 ) $98-100$ ). But here we see no antisemitic context. It often appears in encomia of Alexandria as the capital of the world: so the anonymous rhetor P. Berol.




 may say that the great city misgoverned by Maximus (Alexandria) is famous for its tutelary deity and its leading place in the world. Alternatively, he may continue the description of Sarapis as god of the city




14 lotecoc: probably ó $\theta$ éćc, DC. An encomium of Sarapis continues?


 Acta.
 or more often 'person called in as support by a party in a trial' (see BDAG s.v.). Probably the latter at XXXXV 2725 io, the only example in the documentary papyri. A separate group? But since $\mu a a^{\prime} \rho r u p a c$ mapakateiv is normal terminology, it might describe witnesses if they were mentioned in the line before.

P. J. PARSONS

## 5352-3. Acta Titiani

These rwo items, in different hands and formars, are linked by the name Titianus. In the first, the name occurs twice, in broken contexts; the part of the text that is consecutively legible contains a very rhetorical attack on a paidotribes (trainer at the Gymnasium) as little beter than a pimp. In the second, Titianus appears as defendant in a trial, on charges apparently of raiding public funds and, in summary, of acting like a king and a cyrant. I argue below that this second Titianus should be identified as the Prefect of Egypt AD 126-33 and as one of the friends of Hadrian whom the Emperor rejected in later life (SHAHadr. 15.6). It will be cconomical to recognise the same Titianus, and the same trial, in 5352; since 5353 clearly minutes the end of
the proceedings, 5352 must represent an earlier stage. From the parallel of the Acta Maximi, we can imagine a trial of various charges: in 5352 , the ex-prefect is accused of meddling immorally in the administration of the Gymnasium (of Alexandria), in 5353 of peculation and perhaps of treason.

73/4(a)

## 5352. Acta Titiani A

 fr. $19.7 \times 19.6 \mathrm{~cm}$Second century
Plate VI
Remains of at least three columns of at least 40 lines; upper and lower margins preserved to c .2 cm ; intercolumnium $c .2 \mathrm{~cm}$. Complete lines in fr. 1 have $24-8$ letrers. The writing runs with the fibres; the back is blank.

The copyist writes a small informal script, with occasional ligatures ( $\epsilon 1$, ta), vaguely bilinear except when t $\rho \phi$ break the base-line. Notable letter-forms: $\beta$ sometimes with flat base added separately, $\epsilon$ with the upper loop often closed, $\eta$ in the form ' $h$ '. This ssyle looks rypically second-century: compare e.g. GLH 146 , the second hand of V 841 (Pindar, Paeans). Dr Rea, in cataloguing this piece, wondered whether the hand might be the same that copied III 471, Acta Maximi (AA VIIA). Certainly there is a generic likeness, though the script of 471 is much larger: and some variation of letter-forms is only to be expected in such informal writing. Even so, $\mathbf{5 3 5 2}$ has enough distinctive features (the $\eta$, the splayed $\mu$, the tall cursive $\xi$, the ligatured ©t reaching well below the line) to make an identification doubtful.

Puncruation by high stops placed above the line, perhaps by the original hand; they are particularly notable in fr. 1.7-11, where they set off each volley in a salvo of invective. Diaeresis marks initial iota and upsilon; otherwise very few lectional signs (fr. 1.20 acute accent?. 27 smoorh breathing and accent). Deletion by superscript dot, fr. 1.8 and 28; it was perhaps the first hand that added an omitted syllable above the line at fr. 1.9 and corrected an itacistic spelling in fr. 1.10. Space-fillers in the form of a flying arrow fr. 2 i 19 and fr. 6. Scriprio plene scems to be the norm (fr. 1.2, 24. 31, 38, fr. 2 i 6, 2s); unmarked elision ff. 2 i 21 ( тourectu, which probably counts as one word). Iota adscript is nowhere written, omitred in fr. 1.18 t $\omega$ $\delta \eta \mu \circ \subset i \omega, 33$-a $\boldsymbol{a \gamma} \boldsymbol{\gamma} \eta \mathrm{c}$ and 38 єкєєขш.

The upper part of fr. I (1-11) offers a highly thetorical atrack on some person who appears as an athletic trainer ( $\pi$ aı $\delta o \tau \rho i \beta \eta$ c) but is in fact no more than a procurer of male fiesh. In in, and again in 37, it is possible to recognise the name Titianus. Given the accusatory context, I suggest that this piece derives from the trial of Titianus, Prefect of Egypt, of which 5353 (a different manuseript) contains the conclusion. The immediate copic, perhaps, was the appointment of a coach in the Gymnasium (of Alexandria), whose character as pimp somehow fited 'Titianus' own dissipated life-style (fr. 1), and the admission and exclusion of youths (from the Gymnasium) (frr. I and 2 i). Compare the Acta Maximi, where the charges include immoral association with an ephebe (AA VILA soff.), interference in the appointment of gymnasiarchs (ib. 28ff.) and in the training of young athletes (VIIB $57-61$ ).

As usual, I am greatly indebred to Dr D. Colomo and Dr W. B. Henry for corrections and suggestions.

Fr. 1
top?
]op[] voc. . .є. $\phi$.[
 ]иа тісатобє६аито
1.[.]avepowtovecya ]. . єрүоидıбаска ]. стротосраллоукаи



10 $p a[] \omega$ a $a!$ int

vovt. . . . ¢pac[].[..]....кa a....؟
[....]a [. .].[.].[.]. . .arvea . .
]. [..] . . . . ]....... єuev
s т!.[...].[].[.]... трштoval

$\eta \xi!. \mu[\ldots] . \nu \epsilon \ldots, \ldots \mu \tau \epsilon \rho a[$


10


- ....... ар!стоската [

 . $\kappa \in \nu 0 \in \nu \theta \nu \mu$.
จ
.....]....... ${ }^{\nu x \omega р а \text {.[].[ }}$



àтoteкeviovav. . .7. .|


састоитоисе̣сатаүпс|
ßад. ка!аитє $\xi \epsilon \tau а с \omega т о$.[
$\gamma \in{ }^{2} \ldots \epsilon \epsilon \beta \lambda \eta \theta_{\epsilon \nu \in \kappa}$.
оитростоитаиботря . [
өєоиса入lıarpoc. .[.]ay.]
¢.[. ]. аєкеєшштด[. .]. .шре. [
top?
]оцєレос . . .є. ф. [

 .[.]av $\theta \rho \omega \pi$ оv єivaı
, ........]...єрүоv бьঠаска-
גо . . . . . $\mu$ ]actропòc $\mu a ̂ \lambda \lambda о \nu \kappa \alpha i ̀$
.] таíठ $\omega \nu$ т тифєр $\omega \nu$,


$10 \rho a[i] \omega \nu \dot{\alpha} \lambda \epsilon i \pi \tau \eta c$, aicxpêv $\delta \iota \delta a ́ c-$

vồ т. . . єpac[].[...]. . .кa a . . . ¢
[....]a.[. .].[.].[.]. .яттва.
.]. [..]. . [. .]. . . . . ш сvev

o入. . . . . [. .]. . . $\nu \tau \dot{\eta} \boldsymbol{\tau} \tau \boldsymbol{\tau} \mu \dot{\eta} \subset \tau]$
$\eta \xi!, \mu[\ldots] . \nu \epsilon \ldots \eta_{\mu \in \tau \in \rho a[ }$


20 ...]....кка i. . . . $\mu \boldsymbol{\mu}[$
. ${ }^{\circ}$. ...... ápістокк ката [

. .]. . . $\boldsymbol{\tau}_{\eta}$. . . . $\lambda \eta \nu \operatorname{\tau av\tau [~}$ éкệ̀vo évөup. [
25
.....]... . . . . $\nu \chi \omega \rho$.[].[
. . . . . .]. . . . . . €t . . $^{\nu}$ ód́cє $\lambda \gamma$.[


.]. єucıv катак $\lambda \epsilon \iota v \in \epsilon$. [c.s
 - ä $\xi$ เóv $\gamma \epsilon \dot{\alpha} \chi \theta \epsilon c \theta \hat{\eta}[\nu a t c .4$
. . ]. . . $\boldsymbol{\nu \in \nu \kappa є ! ~} \mu \boldsymbol{\mu} \boldsymbol{\eta} \boldsymbol{\epsilon \kappa}$ [



-й $\pi \rho$ о̀c тòv $\pi a \iota \delta о \tau \rho i ́ \beta \eta[\nu 4-8$


c [ ].... [

Fr. 1
1]. $v$, horizonral trace touching top lefi angle of $v \quad$. , perhaps $\delta \in \mathbb{C}$ WBH, the first two letters visible on an early photograph (from which details are supplied in pl. VI), but no longer on the original \$. short upright $\quad 2 a_{\text {a }}$, upright and right-hand top of $y$ or $\tau \quad \omega_{0}$, point at line-level, then point high up (stop?) © , , left-hand arc of oval; lower elements of $\lambda$ (or $\kappa$ ?) $\quad 3 a_{0}$, ink in upper line-space, sloping down sharply from left to righr 4].[. horizontal at top-level s] ..., see comm. 6], ink (foor of descending oblique?) at line-level 9. a, shallow curve or oblique
 top of upright $\quad 110$ o. upper left quadrant of circle ].|, point at line-level $\pi$. ...., third, ink at mid-height and. above it. upper part of diagonal descending from left to right (together suggesting a); fourh. upper part of upright; fifth, foot of upright below line-level ${ }^{7}$, top of upright? 12 ? .... second, triangular outline?; third, parts of diagonal rising from left to right; fourh, left-hand arc of oval? a, horizontal ink at mid-height, upright or oblique descending from its mid-point e...., point at mid-height; hooked top as of $c$; foot of upright on line, horizontal to right at top-level; oblique descending from left to right (a?) 13 .l. point (rop of upright?) at upper level a. ink at linelevel ]. | (first), top of oblique sloping down from left to right 1. foot of oblique sloping up to right .a, lower part of $\eta$ ? a . ., oblique trace at two-thirds height, descending from left to right; another, ascending from left to right 14 § . . uncertain traces $] \ldots$, oblique descending from left to right, knot at foot ( $\left(\begin{array}{r} \\ \text { ? }\end{array}\right.$; right-hand elements of $e^{?}$; elements of oval ( $\theta$ ?); tip of diagonal descending from leff to right ]....., right-hand elements of e?; triangular top; flattened oval at upper level (upper part of $\varepsilon$ ?); upright with oblique crossing at top ( $(\nu$ ?); trace of horizontal at top level, point on line below; parts of upright, horizontal joining from right at mid-level? ب. oblique descending from lefi to right is .[, top arc of oval (e?) ] [, right-hand side of $\eta$ ? ]. [, high horizontal ( $\tau$ ? ) ].., second, tip of oblique rising from left to right above the letter tops $16 \lambda \ldots$. diagonal ink at mid-level rising sharply from lefi to right: lower are of oval; point level with leter-tops; top leff corner of $v$ ? , race in upper part of writing space 17 !, , lower left-hand arc of oval !., perhaps upper and lower tips of c e..., first, upright to two-thirds height, short horizontal projecting leftwards at the top 18 ! . . part of upright, horizontal joining from right at mid-height; right-hand part of $\eta$ ? 19 e. , top of obliquc sloping down from left to righr .. a, small trace at mid-height, sloping down from lefi to righr: top of upright; isolated ink level with leterer rops (rogecher $\nu$ and high stop?) , $t$ short oblique urace in upper part of writing space ${ }^{\kappa}$. . . point at mid-height; high horizontal, join with upright or oblique below near leff-hand end ..|, upright, messy ink at the topi point at mid-level, oblique descending from left to right ( $\rho$ a $[$ ? $) 20$ ]..., disordered fibres a, perhaps foot of upright $\quad 21$ o, high horizontal joining o ......, top of upright; lower lefe arc of oval; lower leff-hand arc of circle, convex (races above (e?); convex ink in upper part of writing space; foot of oblique rising from leff to right?; remains of triangular form; abraded surface; upright 22 ..., minimal
 upright reaching well below the line; fourth, ink at mid-height, then upper part of upright sloping gently to the leff $24 \mu$, [, lefi-hand arc of circle 25 ]....... scatered ink; last, right-hand arc of circle a. [].|, upright, diagonal crossing upper tip ( $\nu$ ? ); top and lower left of small $x$ ? $\quad 26$. . $\nu$, first, short upright, long horizontal to right at top . . . upright, horizontal extending righrwards from rop and joining upper part of upright or gentle curve on edge 27 _ . . , scatteted ink $\omega$, short horizontal at top level above hole .|. top of upright $\quad 28 \gamma$, ink attached to right-hand extremiry of $\gamma$, then end of horizontal at mid-height, touching v 29] . . small curved trace at line-level; point (foot of upright?) below the line $\quad \boldsymbol{\theta}$. foot and top of oblique sloping up to the right $\quad 30 \mathrm{v}, ~$,
ink at line--|cvel; point at line-level, then upright .[, ink on edge at one-third height 3......., first, point (end of horizontal?) level with letter tops; second, loop of $p$ or top of $\beta$; last perhaps upright, horizontal or flatened oblique joining from the left at mid-heighe $32 \ldots_{\text {. . . traces (second perhaps }}$ a) visible on an early photograph (from which details are supplied in pl. VI), but no longer on the original (W/BH) $\quad 34 \lambda$, see comm. .[. tip of oblique descending to the right 35 . . . . upper are of oval; another such; foor of upright below hole; lower pars of e? .[. leff-hand end of horizneal level with the leter-tops 36 .[, point at line-]evel and another above it at mid-height 37 poc . . . upeight wieh short horizontal projecting lefwards from rop; upright y, [, rwo points on the edge, one al line-level, the other level with the letere-tops $\quad 38 \mathrm{e}$, triangular top 1 , horizonal from the left, joining just above the loop of a ]. oblique sloping down from left to right .[, point on edge. about mid-height 39 [ . . . $\mid$ second, upper part of $\omega$; third, top of two diagonals sloping down to the righti fourth, upper half of round letter, probably o (wupo? WBH) to .|. high horizontal

Fr. 2
Col. i

5

10

20

25

Col. ii


5

Iร $\kappa \in \lambda \epsilon[$
]a!ס氏c
]. Aŋстаv
]. $\operatorname{TON} \mu \mathrm{E}$
]. . . ev[]кагтареч[]. . .


].[]'ка!. []بтшитодлшขор



]yoс. .[.......]үкалои
].[ ${ }_{\text {foot? }}$ ].


Col. ii


10 екєлеч [
$\lambda a \mu \beta a[$
rec iep.[
$\boldsymbol{\mu} \boldsymbol{\eta}$ кє่าน [
àprupıo[
4) кєлє

Col. i

5
foot?

Fr. 2
Col. i
2]. . , first, right -hand part of small loop at upper level ( $\rho$ rather than $\xi$ ?) 3] . , second, top of oblique sloping down to right? Above the space between this and r following, a dot 5 ] , part of upright in upper part of writing space w, for the shape see fr. 2 ii 13 6] , ink at mid-height 8 [?, above the top left corner, on the edge, ink in the interlinear space 10]. point at line-level, then perhaps end of horizontal at mid-height touching $\eta \quad 11$ ]. upright, horizontal sloping down slightly from top 12 个 $\ldots$, upright, connected to preceding 7 by a short oblique; ink level with letter-tops; top pare of oblique sloping down to right 13 k eq written almost as a monogram 15 ] , oblique sloping down gently from left to right 17] , oblique sloping down from left to right in upper part of writing space, foot perhaps joins upright reaching below the line 18 ] , ink joining left extremity of $m$ if .. second perhaps lower pare of $\eta$ a . [. perhaps foot of oblique rising to the right ]. ., upright, possible trace of ligature at top left; point and then short oblique descending from left to right, both above the line 20 ] ... foot of upright, then another hooked to the left, both apparently below the line; third, upper lett-hand quadrant and below it a point at line-level ]. . . lower arc of oval, horizontal projecting to right at half-height; foot of oblique sloping upwards to the right; oblique sloping down from left to right $\quad 21$.. point at half-height, then upright $\quad v_{\text {. , ink at mid-height }}^{22}$ ]., point on edge, level with letter-tops 23], lower tight-hand quadrant of circle !., horizontal ink
 then upper part of upright [.[, horizontal ink level with leter-tops ]. foot of diagonal descending from the left? 27 © . . ink at two-thirds height (tip of oblique descending to right?); uncertain ink on twisted fibres 28 ], end of horizontal on the edge? 29] , high ink joining 7 and, below chis, foot hooked to the right (c?) No further line-ends visible

Col. ii

1. [, leff-hand end of horizontal 2 [ l lower left-hand quadrant of circle $(0, \omega)$ 3.], left-hand arc of oval \$, [. lef-hand end of horizontal, level with letter-tops 6 . [. point level with lener-tops $\quad 7$,|, ink at line-level 8, |, lower curve of oval 12 , |. left-hand arc of oval 13 .[ink at line-level 15 KEd, then blank space c. 2 letters wide (stripped)

Fr. 3


Fr. 4


## Fr. 5



Fr. 3
Blank to the left of $s$ suggest that these are line-beginnings $\quad 1$, foot of upright $2 e t$ followed by substantial space, part lacuna or abraded 3] , tips of upper and lower diagonal, as of ${ }^{\text {K }}$ or $x \quad$.| lower left-hand quadrant of circle 4 C . ink at line-level, dot above and another further to right, level with letter-tops s....[, club-headed upright ligatured to a (p?); upright, conva cross-piece joining at the top ( $\pi$ ?); right-hand arc of ovali; short oblique in upper part of writing space (u?) $\sigma \in \epsilon$, space before this and longer space after (extended letterer space? or line-end?)

Fr. 4
Lower margin of $0.6 \mathrm{~cm} \quad 1$ ], upright, possibly joined at mid-height by stroke from left Fr. 5
2. [, descender reaching well below the line 3 e! (not f) WBH 4]. top of oblique rising from left to right? $\quad 6$.., oblique (or leff-hand side of oval?) sloping down from right to left in upper part of writing space, then point on the line 71 . oblique sloping down from left to right .[. upper left quadrant of small circle

Fr. 6
Fr. 7

$s$
F. 7


Fr. 8


Fr. 6
Right-hand margin of $1.3 \mathrm{~cm} \quad$ I First or second line of column 3]. foot of upright hooked to the right
Fr. 7

Perhaps upper margin; surface largely abraded perhaps a

Fr. 9
Fr. 10


6]. , upright on the edge d... lass Fr. 11


Fr. 1
-... one would simply not designate ... as trainer of boys or teacher of a [reputable] activity. Rather [was he] a pimp and procurer of pampered boys-supervisor of sofuness and artisan of fleshi-ness-masseur of ripe slaves-tutor in dirty deeds ... (3iff.) It is worth getting angry and [resentful] in case [excluding them you?] ... bring in these [orhers?] ... I will examine (them?) ... not in relation to the trainer ... but in relation to Titianus ...'
 'absolutely not'.
 2389-96. He found only one reference in the documentary papyri, P. Hal. 1.260-65, where paidorribai and teachers are exempred from the Salt Tax. We now have more, but only from the Ptolemaic period, see P. Count. Il pp. 133-5. Galen, Puer. Epil 3 (xi 362.4-8 K.), notes the difficulty of finding an intelli-



 In these examples the sense is 'demonstrate' that something is something, often followed by ör/dec or accusstive + infinitive: so here the verb may govern $\epsilon$ iva. An alternative meaning, 'designate' someone to hold an office, would suit the context but not the whole phrase, if we take chat as a fixed formula. But


4]. [. .ave $\theta_{\rho \omega \pi \pi o v . ~ I n ~ i t s e l f ~ t h e ~ h o r i z o n t a l ~ t r a c e ~ m o s t ~ s u g g e s t s ~}^{\pi}$ or $\pi$, and the spacing would allow a] गávepowrov. But there may be curving ink just below the left-hand end, which would suggest rather [0]
 the first sentence, nouns in the accusative, and a new sentence, nouns in the nominative, begins just before $\mu$ ]actгonóc.

5]...eprov. The first trace is a thin verical in the upper part of the writing space, the second a left-hand curve, as of $\epsilon, \theta$, o, but widh no trace of a cross-bar, the third, affer a hole, possibly the top of an oblique rising from leff to right (very faint): e.g. ]!op? Then one pattern would be $\bar{\eta}$ < $\pi$ ou $\delta a]$ !op eqyou


7 E.g. троayшyóc]. Wic expect a semantic pairing with pactponóc. The lexicographers provide
 s in Tir. 4 (PG LXI1 694.10) 山́с дастроло́с тис ш̈у каі проаушуо́с.

8 íni] crá The Gymnasium might have a prostates, as e.g. in 1 . Didyma 84.17-18. Epistates seems naturally to suggest


 каі о таиботр'ß $\eta$ с овтш калєitrat, with Slater's notes. I have found nothing relevant in the documentary papyri.
to $\dot{\text { decintnc corrected from }}$ àiarnc, an itacistic spelling common enough in documentary papyri. This is the name of a recognized post in the athlecic world, see e.g. Pap. Agon. 6.72-3, F. Perpillou-Thomas, ZPE 108 (2995) 232.
u [. . ] . [.]?: possibly \{ép]y[w]y, cf. s-6. That would hint at aic $\chi$ povpria, cf. e.g. Joh. Dam. Haer.




14 cnd. Perhaps $\underset{1}{ }$ pọ̣́̂evev.
${ }_{17}$ Perhaps $\eta^{2} \xi \iota \omega \mu[\hat{e} v 0]$ c.
 'in public'?
${ }_{19}$ Perhaps $\dot{a} \lambda \lambda \dot{\alpha}[\kappa]$ ai кarapag[.
20 Perhaps saí, then iota emphasised by diaeresis and acute accent. It may be worth considering $\{[\lambda \epsilon \mid \varphi\}$, cf. 27 (bur there et $\lambda$-), in which the anomalous position of the accent might make it worth noting specially.
$22 \times \sqrt{x} x\rangle, x$ apparently deleced with a dot above.



 G.), with many elaborate variations elsewhere in his correspondence.

 be relevant, but the minimal traces do not encourage such a reading.


 rwo-thirds height, further to the righti and ! stands very far from the o before it. Perhaps therefore iv

 above). Or civj|críc?



30 Perhaps íкeivon àv aiphca[.



 duce into' the Gymnasium? Admission to the ephebate is already an issue in $A A$ I (the 'Boule Papyrus') ii 2-6, and again in P. Jews 1912 (Letter of Claudius to the Alexandrians) syff. By the second cenrury, at




34 Rad. after $\lambda$ doubrful ink and then a clear upright hooked sharply to the left at the top. Pethaps $\beta a \lambda \omega:$ : e.g. $\pi \rho o c \mid[\beta a \lambda \bar{\omega}$ 'I shall attack' might suit the context.
ivre $\xi \in \tau$ ćc $\omega$. 'Examine in is turn'? or 'examine in comparison with', followed by npóc'? What was the object? Persons wrongly admitted to the gymnasium, or their credentials? At the end. probably roul,



${ }^{36}-7$ At simplest, the pattern could be oú $\pi \rho \dot{o} \mathrm{c} \ldots \dot{\alpha} \lambda \lambda \dot{a}$ apóe. Then $\theta$ eove needs explaining. We could think of $\ddot{\eta}$ roik ]| $\theta$ coik (strange in this the context), or indeed vì rovic || $\theta$ eovic, which certainly
 but the old formula occurs occasionally in private leters of the Roman period, sec BGU III 884.3-4, 12, P. Lond. III 897.20, P. Brem. 53.38 , P. Mert. I 28.17, and (with $\mu$ á) SB XVIII 13867.39, P. Princ. II 70.8, P. land. $\mathrm{V}_{1212.7-8 .}$
rpooc: he will direet his examination not to the trainer but to 7itianus, since Titianus is the power behind what has happened? Or he will compare the credentials of the excluded with those of Titianus himsel?

38 E.g. -ca, $[e 7]$ ?a.
 Maximus to manipulate che gymnasiarchy.

Fr. 2
Col. i
7 סupeder: cf. fr. t .38 .


 ${ }^{2 s}$ the Latin inscription of Cornelius Gallus gives it (I. Phil. II 128.2: DC refers to F. Hoffmann, M. Minas-Nerpel, \& S. Pfeiffer, Die dreisprachige Stele des C. Cornelius Gallus (2009) (19); the Greek inscrip-


 suggested supplement gives a line of 25 letters, roughly equivalent to the line-length in fr. i. This fuller formula percolates into literary prose: A. Seein, Die Prajekten van Agypten (1990) 179-80, cites Ph. Flate.

 prefect? In that case, de cive] [ỳे $\eta^{\eta} \gamma \epsilon \mu \mu \dot{u} v$ ?

I2 E.g. Tulc d $\dot{d} \downarrow \omega(-)$.
 found in other $A A$, and notably not in 5353, but standard in the Legatio ad Gaium), but this articulation leaves ecapke stranded. Then perhaps apke\|eet (or some other form of the same verb), whether personal with subject or impersonal ('it will suffice' with infinitive). 'Since former emperors have ruled, it will suffice ...'? 'Since other speakers have dealt with (will deal with) this matter, it will suffice for me ...'? fontow only $A A$ IVB 36 (singular).
${ }^{14}$ ]evro or perhaps ]evoro, the first omicron a tiny circle inserted under the overhang of $\tau$.
$16 \pi$ ]aĩ̃ec? A possible description of ephebes, of. AA VIIA 49 -5o ( 17 years old).
17]. Aje. Possibly $\phi$ ]u访e, but elsewhere the branches of $v$ are more curved.
 relevant, but the traces disallow - $\gamma$ evge and the space disallows - $-\boldsymbol{y}$ vepe.

тоӥт' écriv çical|ly-? Cf. ff. 1.32 n .

22]. Aeovc: the initial trace is a point level with the letter-tops, which eacludes afeoue but allows

 $22-3 \delta_{!}!\left[\eta \gamma^{\prime} \circ \rho \mu\right] a(d)$ would fit.
 informed of them by ...'? or 'and since these crimes are many, I shall narrate only somelane of chem'? For



 too long.



 witness, or a new speaker?

Col. ii
12, 14 Again, money and a temple?

## Frr. 3-11

Small fragments in similar hands: it is by no means cerrain that all of them belong with fr. l-2.

## Fr. 9

$$
6]<\theta \operatorname{cov}[?
$$

## 5353. Acta Titian B

One column of writing at full height (upper margin $c .2 \mathrm{~cm}$, lower $c .3 .2 \mathrm{~cm}$ ), but damaged to the left; to the right scanry traces from a further column, where the papyrus has broken along an original sheer join. The back is blank. If the supplements proposed in 27-8 are right, the lines originally had $c .30$ letters, a width of $c .12 .5 \mathrm{~cm}$. No clear example of iota adscript (omited in 8 - $\delta \rho \in \operatorname{a} ; 17 \tau \omega$ ). Space-filler in it and perhaps 6, 18. Diaeresis on initial iota. Scriptio plena 22, 26, perhaps 6. Punctuation: perhaps / in 6; by blank space (separating speakers) 24, 26,27,30. The script is an elegant example of the 'Formal Mixed' type, assignable to the later second or to the third century.

Since the text begins in the middle of something, and ends in mid-word, we can infer that at least one column preceded what we have, and at least one column followed. The text itself reporss a trial, in protocol form: speakers are named, and their words quored, withous (so far as can be seen) any narrative framework. The central figures are Titianus, identifable as the (former) Prefect of Egypt (AD $126-33$ ), and 'Caesar', who must be the Emperor Hadrian: the accused, and the judge. That would put the trial in the years 133-8. The accused has three notable senators as advocari: [L.] Antonius Albus (cos. suff. c.131/132), [M. Cornelius] Fronto, and [Q. Lollius] Urbicus (cos. suff. c.135/136). The accuser or accusers are not named: an Alexandrian embassy, as elsewhere in the Acta?

The charges are obscured by rextual damage, but they seem to include forgery of imperial letters and misappropriation of funds, in Alexandria, i.e. during Titianus' time as Prefect. The payment of soldiers was involved (4-6), itself an area for potential treason; the money, 15,000 aurei, made Titianus powerful (22). In 24ff. his advocati respond: Albus has nothing to say on his behalf, Fronto takes the charges as irrefutable, Urbicus admits that the allegations of tuparvic and Bacideía are simple fact. Someone asks Titianus why he remains silent: he replies that he has nothing more to say (30-31), but (perhaps) turns to the Emperor. The details are discussed in the notes. It is not always easy to decide whether particular incidents refer to Titianus' conduct as Prefect or to his conduct during the trial.

This has all the air of a show-trial: the prisoner's friends pur up no defence. Of course Titianus was condemned, and suffered damnatio memoriae (his name was chiselled out in the dedicatory inscription of the Roman Serapeum at Luxor, AE 1966.500, 24 Jan. 126). This cause célebre provides factual justification for a misunderstood passage in the Historia Augusta. The writer there states that Hadrian easily believed insinuations about his friends, and came to regard as enemies even his closest friends and those he had raised to the highest office: among these Titianum ut conscium tyrannidis et argui passus est et proscribi (SHA Hadr. 15.6). We now know which Titianus is meant; tyrannis is the charge also in the papyrus; argui refers to the trial; proseribi justifies the damnatio memoriae. It seems that Titianus as prefect behaved too much like a monarch; that charge would look back to the fall of Cornelius Gallus, and parallels what is said of Maximus in $A A$ VII.

The trial, it seems, took place before the Emperor, as generally in the $A A$. What was the source of this account? Nothing in it encourages us to believe that it derives from an official record ('protocol') of the proceedings, such as might have appeared in the imperial commentarii. More likely that an Alexandrian embassy laid the charges, or at least attended the trial, and one of its secretaries minuted the proceedings; an ediced version of these minutes was then circulated for the public in Egypt, whecher as a memoir of Roman misgovernment or as a memorial of imperial justice.

I record my thanks to Dr Daniela Colomo (DC) for conserving the papyrus and improving the cranscript; to Dr W. B. Henry (WBH) for a number of corrections and suggestions; and to Dr Andrew Harker and Dr Georgy Kantor for their illuminating comments on a draft of this edition.


]. .
]естратіштшиаvахрисоичая
]. $c \tau a \xi$. . $a \pi о \delta о \varsigma \tau \ldots . . . \rho$.
]гтаочшиа .... o. псас.


]итас. ласа. окир. [. .]. .кєv
 ]ктоиієроих!.[]а.... ๆ.о.та=
].sта६асєть. . . . .]. .[. .]cт. ].єкаєсарка... [..].[.]........[]а
]. aтaда $\beta \epsilon[] a \iota . \omega . a \delta \varphi$.[..]
]vautouxєь. ¢ $\varsigma .[] .0,[.] . .$. ] $\epsilon \kappa$.,$\mu \in \vartheta \eta[. . ..] \epsilon \mu[] ..[.].$.
 ]єєсшсшфєло⿱аитолєтшкє.





]. сєєтך...[]а入воса[.]тшүю.
]. $\pi \epsilon \rho с о \nu о \nu \delta \epsilon \nu \lambda \epsilon \gamma \epsilon \varphi \mid$. . $\chi$ оиє



]єисацєукаиоса . єүои[. .]иєєть

]uк.т., $v v . . . . . . . .<\varphi \rho[.] \lambda \epsilon \gamma \chi^{\varepsilon}$
]кансар[....]. .єр. . .aı.[. .]оикє $\chi \omega$
]кцпр.[....]....[] $[$.[. .]тотє
]каюоv[...]..........[. .]aєаиє

 . $\nu \in \iota \pi a, \tau[\hat{\varphi}]$ кирíш à $\pi о ф є ́ p \omega a$ ]v стратьшти̂v àvà रpucoûv a $\mu$






 .] ста乡асє $\pi$. . .[. .]. . [..]ct. ]. є Каїсар ка. . .[. .].[.]....... ..[]а
 ]vautouхє!p сє . [].०.[.] ]єк . . $\mu \in \boldsymbol{q}[. . ..] \epsilon \mu[] ..[].$.



 ]cov єí $\mu$ ирíov[c] $\pi[\epsilon] \nu \tau a[\kappa]$ ıcх! तíove

 ]. сєєтך. . . $A \lambda \beta$ ос $A[\nu]$ т́́vioc




 .] Toc- Tıтıavé, cù oủסév̀ $\lambda a[\lambda \epsilon i] c ; T$ Trıavóc o]ủкє́?! ! ס̛́va,


.....]каєоv[....]...........[. .]aєavє
$1 v_{,}$, upright joining top horizonral ( $\gamma, \pi$ ?)
2]., tip of horizontal of oblique at ewo-thirds height, more ink on edge below ... second, foot of oblique sloping down from left $\kappa_{\text {. ., second, }}$ top of upright 3], ink on edge in upper part of writing space a., remains of upright?, concave ink at the top 〕., tip of oblique rising from left to right $\quad$, left-hand arc of circle s]., diagonal descending from left to right $\quad \xi$. ., points conformed as a narrow triangle; oblique sloping down gently from right to left .p, top of upright and of ascending oblique, perhaps $\kappa$ (WBH) $6 \ldots \ldots$, ? or $\delta$ ?; rwo contiguous points at top level, second perhaps tip of descending oblique; last, feet of $\lambda$ ? , D, foot of upright, then perhaps tip of horizontal at upper level; of $\eta$ only the lower part, cross-piece too low for $n$ ? 7 ], ink on edge at one-third height $\quad 0$, point level with lerter-tops 8 ], end of horizontal or gentle oblique at half height $\xi_{\text {., at line-level, oblique rising from left to right, }}^{\text {, }}$ then point $a_{\text {e }}$, stripped surface, then top of upright $\quad G_{,}$, , top of $\epsilon$ or $c_{i}$ nwo upright traces in lower part of writing-space, the second joined at its top by horizontal ink from the left $a_{\text {, }}$, foot of upright P.l..]., scattered dots on partly-stripped surface $\quad 100$. .., short horizontal level with letter tops; lower are of circle at line-level; lower curve of $\epsilon$ or $e \quad \varphi .$, , third, horizontal joining $€$ near iss top ]., possibly horizontal trace at mid-height II!, top of oblique sloping down from left to right $a_{0}$, foot of upright $\quad \eta$, right-hand end of horizontal near top level $\eta$, , upright $\quad$, specks only 12]. (first), ink level with letter-tops T, remains of tall upright? 13], perhaps ink at mid-height on the edge a...t top of upright; perhaps long horizontal at mid-height; lower part of upright or gently sloping oblique (e.g. кatf!) \&, trace at rwo-thirds the height of, $t$, short upright, horizontal leading righrwards from top ( $\gamma$ or narrow $\pi$ ?) 14], the edge of an upright [], stripped, but perhaps a trace to the right, at top level $\quad$, point just below letter-tops and to its right perhaps verical trace at half height $\omega$, foot of upright or oblique $\quad{ }_{\text {, }}$, upright, horizontal trace extending leftwards at top . . . . . last perhaps $\mu$ is $\rho$. see comm. $\omega_{\text {, small lefi-hand arc, then small }}$ right-hand are [], point on the line, then lower part of oblique descending from the left first, top of upright? 16 ]. [. upper part of $\gamma$ or $\pi$ ]. . upright: upright and lower hook, as of є or e $17!$, top of oblique sloping down from left to right $\phi$, foot of oblique sloping upwards to the right $\quad \mu$, perhaps oblique sloping down from left to right $\quad \ldots .$. specks; third, upright and cross-piece at top $(\gamma, 7) \quad 18 \in$, , see comm. $19 \mu$, beginning and end of high horizontal I. , ink on edge just below letter-tops 20]. end of horizontal at mid-height $\omega_{\text {e }}$, lower part of upright and upper part of another? $\epsilon \ldots$. , upright and top horizontal as of $\gamma, \pi$, then point on the line; point at top level; short descending oblique at top level; beginning and end of horizontal level with letter-tops $\lambda_{\text {, }}$, point at top level, another below (remains of upright?) 23 ], heavy descender well below the line, upper arc of circle level with letcer-tops $\quad$ '. . , upper are of circle?; heavy ink (top of upright or oblique?) level with letter-tops 24], right-hand arc . . [] specks only, then blank or stripped 0 , lower left-hand arc 2 3 ], tip (of oblique?) level with letter-tops, detached point well above (part of dizeresis?) $26 \nu$, high horizontal $\rho_{\ldots}$, , traces at top of writing-space , right-hand tip of high horizontal 27 , [, lower lefi arc 28]., upright 29 a, top of triangular letter $\quad 31 \kappa_{\text {, }}$, top and base of $e$ or $e \quad \tau, .$, point level with letter-tops; left-hand side of triangular letter $v \ldots . .$. . frst, point (top of oblique?) at top level and then horizontal trace at midheighti second, upright; last two, perhaps at 32 ]. . horizontal traces just below top level; upright
 of descender) below line _ .... ink level with letter-tops: triangular ourline; top of oblique sloping down to right $\quad \mu_{\text {, }}$, top of triangular lerter $\quad 34 \ldots$, lower hook as of $c$; upright, point above to right ( with diacresis?); $y$ doubtful, perhaps as .[, oblique rising from left to right, join at rop, perhaps a
(iff.) '... truth, Titianus ... the deposit of the Caesareum ... of the soldien at a mae of one gold piece ...'
(7ff.) '... display the leters of our Lord that you were showing in Alexandria. Hand them over! (No, in fact] he forged them, Lord ... from the temple one thousand and fify [talencr?] ...'
(17ff.) '... a |deadly?'] drug to the Lord ... [For he proclaimed] "Thus I will bring in some[ching!' of Domitian ... and the letter is from your loffice?!" ... if Titianus, receiving ... ten thousand five hundred [gold picces], became so powerful ... Albus Antonius ... "We have nothing to say on your behalf, Titianus." Fronto: "The charges that you have summoned us to face are [irrefurable?]." Uracucus: "Lond Caesar, yes, we have acted the cyrant, yes we have acted the king, and all that they syy is (erue)." $\mid-1$ "Titianus, you say nothing?" Titunus: "I can (say) nothing more. Caecar, examine (these (chagge)." Caesar: "I have no ..."
 $\mu$ '] $\operatorname{cov}$ тoû iepoũ.

Tiri [a]vé. The Latin name, the imperial presence, and the staus of his advocates (24-7) sugger high rank; and since Alexandria is mentioned (8), the obvious candidate would be a Prefect of Egypt. cither T. Flavius Tirianus, in office $126-33$, or his namesake, in office $164-7$. It is argued above that thoce proceedings belong to the reign of Hadrian, which would decide for the carlier Tirianus. The earliet dates for his cenure are (t) 24.i.126 (AE 1966.500 , dedicatory inscription of the Roman Serapeum at Lurar) and (2) 20 .iii.126 (CIL 111 41, his inscription on the Colossus of Memnon, Bernand no. 24). In the former the name has been chiselled out, bur the reading now seems certain, see G . Wagner, BIFAO81 (1988) r29-3; J. van der Leest, ZPE 59 (1985) $141-\varsigma$. The latter finds Titianus in the Thebaid in March 126; if this was part of the usual conventus-tour, he must have entered office by mid-12s (the last ancoed dare of his predecessor T. Haterius Nepos is 13-iv.124). He held office for an unusually long period: his last artored date is iii/iv.133 (R. Bon. 18), the first of Pecronius Mamertinus nuxi. 133 (237 viii 43). In mid-tenure falls Hadrian's visit to Egypi, ad 130/1.

 as part of a broken upright, rather than the tips (unusually close logether) of the branches of x . Then the shore high horizontal after a represents the top of $p$; it cannot be the top of $\tau$, since the space is too narrow. кaтa日íк $\quad$ occurs only rarely in literary sources, and not at all in the documenary papyti; mapatjin $\eta$ and птараката日 $\bar{\kappa} \kappa \eta$ are common in both, normal words for 'safe deposit', the former koine. the laner Attic according to Mocris $\pi$ 41. In standard Egyptian contracts one individual deposits money (or goods) with another, without specifying the place of safekeeping, see K. Kastner, Die zivilrechltidre Vimuabrung
 documents specify a temple (sec UPZ I p. 132; P. Dryton 37 of 139 BC ). But che practice murt have been widespread in the Greek world. See e.g. B. Dignas, Economy of the Sacred (2002) 146, tg7f. (the Aremisium of Ephesus) for such deposits civie, sacred, and individual. What is happening here? Tirianus is drawing on, ot appropriating, public funds? sacred treasure? or private capital?

7oû Kaccapeiov: presumably the Caesareum of Alexandria (Strabo 17.1.9, Ph. Legaf. 151 (vi $183.18-$ ${ }_{2 \Omega}$ CR)). Sec P. M. Fraser, Prolemaic Alexandria (1972) i 24.

3]. veima : the first trace apparently the top of an upright. ]. veltrac (einac)? or ]. irt map[d] (WBH), which fills the space more closely?



4 erpatewtề. The reference may be general, not to Egypt specially or to any paricular crisis. But it may be worth bearing in mind nwo special circumstances: the cransfer of Legio II Traiana to Alexandria c.AD 125 (K. Scrobel, ZPE 71 (1988) 2s1-80), and its service in Judaca during the Bar Kochba revolt of 132-5.
araxpucoûr or ara xpucoû? (a) The verb is not attested in TLG. It was once read in a dozen ostra-
 this to dr $\delta(\rho \omega i r)$ darakeX( $\omega \rho \eta \kappa$ ót $\omega v)$ ). If it existed, it would presumably mean 're-gild'. How would that fit the context? Much more likely (b) 'at a rate of a gold piece'. रpucoûc translates Latin aureus, equivaIent to 25 drachmas: so e.g. LXXIX 520235 and note. Domitian increased the annual pay of legionaries from 3 aurei to 4: Suer. Dom. 7.3 addidit et quarrum stipendium militi, aureas ternos, Cass. Dio 67.3.5 kai

 or to a special donative?
 10.35) could be accommodated in the initial lacuna of $\varsigma$ and still leave room for e.g. $\hat{a}$ eß]ácra $\xi a c$.
 might be possible and (WBH) better suited to the space. Certainly the verb often implies robbery, in literature (D. L. 4.59, Luc. Asin. 16) and regularly in petitions from Egypt.
àró⿱óoc may stand alone, as apparently in 8 , 'give (it) back', or govern an expressed object.
6 ó山w'via 'wages in money', 'freq. a soldier's pay' (LSJ). Before ir - $\tau$ a or $\tau$ á. Afrer it, apparently a not $\delta$; then $\ldots . .0$. peac. Perhaps ä followed by a verb in the aorist; - $\lambda$ opypac could be read, assuming that $\eta$ has lost iss upper pars to damage, and if that is right we could consider $\hat{a}$ ÿresóy $\eta$ eac, the regular word in documents for 'deducting' money, although there is no clear sign of the diaeresis we expect on initial $u$.
¢ae, : the last ink presents as 1 . The simple oblique might serve as punctuation, but occurs nowhere else in this text. Perhaps a damaged space-filler, 7 , though the angle is wider and the stem longer than in 11 .

7 If tác Ém]!ctodác, space for four or five letters at the beginning.

8 ace cú. áe by itself would be too short for the space.

 lia de talsis (divus Severus lege Cornelia de falsis damnavit praefectum Aegypri, quod instrumentis suis, oum praerrat provinciae, falsum fectit).

9-10 E.g. $\epsilon i] p \not \rho \kappa \in \nu \mid$ $\qquad$
10 фı'גódoyoc noun rather than personal name. Dr Harker notes that фı̀̇ódoyot have a part to play elsewhere in che Acra. At AA VIIA $142-4$ the speaker, in a (hostile) reflection on Maximus' piery, mentions
 Alexandrian embassy, notes фıגódoyot éyọ́|\$are in broken context. So the Alexandrians reinforced their pleas with scholars of high prestige. If the context is the same in 5353, a scholar (and texiual critice) is produced to attest that the letters are fakes?
roü кvpiou might qualify фıגódoyoc, but what would that mean? Had the Empetor himself nominated this scholar to the Muscum? or employed him directly on the imperial staff? Alternatively the genitive may look forward. as part of a phrase 'that they were nor letters of the Lord', but I cannot reconstruct what follows.
it é｜к coù iepoû，cf．32．Another temple，or another way of referring to the Cacareum？
 Since 4 refers to aurei，we might expect amounts in Roman currency．But logo $\delta \eta$ púpia would represent a rather insignificant sum．Perhaps therefore supply тádava in 12 ，then $\beta$｜aceófac or $\beta \beta$ ］ácrajac．

14 ｜a ara，e．g．xpí］ one of the crimes of the Prefect Septimius Heraclitus，AA XVIII $i 29$.
 circles，perhaps from the loop of $\phi$ ．］．，dot on the line and then lower part of oblique descending from the left．$x$ eipuicw seems most unlikely，since the verb is normally used only in the middle．$x$ cip，水（or $\varphi$＇ ） üфefioy satisfics the traces，except perhaps for the（badly damaged）final y．
：6］［ek．．$\mu \mathrm{km}$ ．The first trace is part of a small circle：o！or rathet $p$ ，if a point visible well below the line represents the end of a descender？Then the upper part of a triangulat leteres and to the right what looks like the tip of a rising oblique（its beginning perhaps concealed by an overlap）．
${ }^{17}$ ］тıко ф фápuaк［0］！DC．Presumably－тıкоy，and medical writers offer a wide range of posible supplements．If the drama requires this to be a poison，perhaps avaipe｜Tikov（DC）．

$\pi \in \pi \dot{\alpha} \kappa \in!$ ．The final traces might suit ei or，as WBH suggests，a 7 －shaped space－filler．Tha five


 （Luc．Sol i）．
19.
 belong with the introductory verb，or with the assertion that follows．In any case，the last three words belong to quored speech，which may extend as far as 21 ］cot．If we infer from this last word that the Emperor is addressed，this sentence may represent a claim made by Titianus carlier in the tria，not pan of the original misdoing．

How was Domitian relevant，assuming that this is the Emperor？DC notes that Domitian in rumour poisoned Titus，but that seems a strange precedent to cite．Domitian also increased the pay of legionaries，and that might be relevant to 4．It was Domitian who appointed Mettius Rufus as Prefect （Suet．Dom．4．2），and Metrius Rufus ended by having his name crased，which suggers a trial and con－ demnation（OGI 674；CIL III 13580，cf．H．I．Flower，The Art of Forgerring（2006）342）．
rapá $\xi \omega$ ．＇I will produce＇：of bringing forward a precedent＇or of exhibiting a document in court＇
20］，$\pi \eta \omega$ ．First，tip of horizontal at mid－height（e？）；aftet $\omega$ an upright trace and，over a gap，ink level with the letter tops（c？）．］छहTग wic？
 this may be a claim that it comes from＇your（Hadrian＇s）．．．＇．We should then need to supply a word that refers to the imperial administration．［тацєiov тoü］coû（танeiov as often for fictev）would suit the space．
 line numerals before it．Space then requires more than the simple ànex $\chi$ wv．Tpo－and perhaps npos－would fit，though both compounds are atrested only in documentary papyri；altermatively e．g．芴门］ánixur．

The figure is exactly ten times that in II，but（if the suggested supplemens are right）for a different denomination： 10 aurei for every talent，a rate of $\mathrm{t}: 24$ or $4.17 \%$ ．Thus she sum mentioned here would be very much smaller than that in 11 （which is equivalent to 252,000 surei）．How could this smallet amount have served to make Titianus especially strong？
 followed by wicte.

23]. .. [. ]par oú yevopevoy. The first three traces, caught on an early photograph, no tonger show on the original. Before are a loop and a descender reaching well below the line: $\rho$ rather than $\phi$, since there is no trace of a riser.
"̌ ov̉ yevonérọ̣ may be a set phrase, 'as if nothing had happened', cf. e.g. [Hermog.] Inv. 3.13.29
 include a noun; and in the ending oy upsilon is represented only by a high trace of ink, so that e.g. yevómevor would be possible.

Tife emphatic, perhaps because (at least as we have the text) it is the prosecution's final point.
24]. eferm. .. at the end two or three damaged letters, the last probably $\epsilon$, then probably a blank
 \& © тыке.
 IV i 16, X 10 . It seems clear from $2 s$ that these three eminent persons are not themselves on trial, nor do they form part of the emperor's consilium. They have been summoned by Titianus to speak on Titianus' behalf, i.e. they serve as advorati ( $\boldsymbol{\pi}$ ара́к $\lambda \eta$ चrot). Note that Urbicus (28-9) actually identifies himself with the accused.

The three advocati are:
(i) [L] Antonius Albus. One person of this name, cos. suff. in AD 102 (CIL XVI 47), is probably too early. A second, PIR ${ }^{2}$ A 0810 with addenda online, served as proconsul of Asia (I. Ephesos II 438) at an uncertain date, normally set c.147/8 but by others c.160/6! (G. W. Bowersock, HSCP 72 (1968) 289-94). J. H. Oliver and D. J. Geagan, A/A 72 (1968) $156-7$, identified the same name on a statue-base from Corinch, see AE 1968.474; W. Eck, Epigraphische Studien 9 (1972) 17-23 and AE 1972.567, reconstructs the cursus of this Albus, who had been tribunus plebis on the nomination of Hadrian, and subsequently (c.127-8?) proconsul of Achaea. The reconstruction continues Albus' career with a suffect consulship (c.131/2), and then as proconsul of Asia c.147/9. Cleatly the L. Antonius Albus thus created would fit well in our context, both in age and in rank.
(2) [M. Cornelius] Fronto, senator under Hadrian (ILS 2928), star of the lawcourts (Dio 69.18.3), rutor to M. Aurelius and L. Verus c.140, cos. suff. 143. Dr Kantor observes that Fronto's career may have suffered a setback in the 130s, see E. Champlin, Fronto and Antonine Rome (1980) 81, someching perhaps relevant here. [PIR ${ }^{2}$ C 1364]
(3) [Q. Lollius] Urbicus, tribunus plebis and then praetor on imperial (Hadrian's?) nomination, legate of Legia X Gemina, logatus fetialis of Hadrian in expedition(e) ludaica qua donatus est hasta pura corone aurea (CIL VIII 6705); cos. suff. c.13s/6; governor of Germania Inferior c.137-9, of Britannia c.139-142. [PIR ${ }^{2}$ L 0327]

25 What srood in the initial lacuna ( $6.5-6$ letters)? We already have two of Antonius' three names. So: (i) a verb of speaking, though Fronto and Urbicus do not get one; the rypical verb in the Acfa is $\epsilon$ lnev, which would fir the space; for parallels in which only the first speaker qualifies for a verb see e.g. AA XIB ii 3 ff. (ii) His office: vizaroc would fit. (iii) An adjective or adverb qualifying oúסév, e.g. $\pi \lambda \in i o v, \pi a ́ v \tau \omega c$.
$26[\ldots]$. $\alpha$, the trace (the end of a high horizontal) suggeses $\gamma$ or $\tau$. [ $\alpha \lambda \nu]$ [ $\alpha$ would fit, in the sense
 long for the space.
 Acta Maximi, the prefect is described as éкßacıdıc⿱eic (AA VIIA $54-5$ ) and тúparvac ( $\mathbf{5 3 5 1} 5$ ). Urbicus identifies with Titianus? or does the plural acknowledge that Urbicus had shared in his behaviour?

30 ..... . roc. A personal name? Or a title? '́ üra]roc fits the space; so also does ceßac]róc, but elscwhere in this document the emperor is addressed as кaicap, and waicap probably appears as speaker-name in 32.


 own defence.

Affer - $\mu$ at there is a small space, but nor enough to suggest change of speaker. In any case, if Kaicap here were taken as a characrer-name, the spacing would make difficulties for 32 Kaicap: it could not be a character-name again, since there is no space for another character's reply at the beginning of 32; and it could nor be a vocative, since there is no space for Tiravoe at the beginning of 32 .
[cu' $\left.{ }^{\prime}\right] \lambda \in \gamma x e$. The space, as judged from the certain supplement in 30 , requires more than a simple


32 . . . . . ]. Perhaps táסe ], 'examine the validity of these (charges)". The supplemen here must allow for the usual blank space before the new character-name, but [ $\mu$ e] would be coo shorn.

 $\varsigma 19 B$. 'Is there any news?'. But iota in tep would lack the usual diaeresis, and mighr be combined with the preceding trace to give $\pi$ (WBH). ט̂]Ț่ then to interpret at. [..]?

On one side of this piece, written along the fibres, remains of a roughly written account: large sums in obols and chalkoi, large enough, Prof. Gonis judges, to represent taxation accounts at nome level. On the back, across the fibres and the same way up, we find parts of two columns of a literary ext. The upper and lower margins survive to $c .3 .3$ and 3.7 cm respectively, intercolumnium c.I. 4 cm . The hand, small and informal, resembles shose of $G L H{ }_{17} b(V 842$; Hellenica Oxyrhynchia, late ii Ad?) and $18 b-6$ (Favorinus, later than c.215 AD; see 5355 introd.), and the format (lines of $c .35$ letters or more, column-height of $c .25 \mathrm{~cm}$ or 50 lines) belongs in the same group of close-packed manuscripts; the use of diastole in i 8 пT $\rho a \tau^{\prime} \tau$ may favour the third cenrury, see LXXXII 5299 introd. Punctuation by heavy stops, mostly added above the line (by a second hand?), in middle position at line-end i 48; paragraphos between ii 38 and 39? Elision (unmarked) i 4 єct av, treated as one word?, i $s \delta(\epsilon)$, see n.; scriptio plena i $6 \delta \epsilon, 45$ apa. Diaeresis on initial a i 2 , initial $v i$ i. lota adscript: omitted in a dative i 4!? Line-final nu reduced to a superscript bar, i 43 . Itacistic spelling i 43 кєкле $\mu \in \eta \eta(\nu)$.

The mention of Carmanes ( $\mathbf{i} 7$ ) identifies the work as Antonius Diogenes, $\tau \dot{a} \dot{\text { uj}} \boldsymbol{\pi} \dot{\rho} \rho$ $\Theta$ оú $\lambda \eta \nu$ ämıcтa, and the name of another of his characters, Meniscus, could plausibly be restored in i 41. We know the plot of this novel, in outline, from Photius, Bibl. 109a-it2a. Papyri have contribured one substantial fragment, PSI X II77 ( $^{2}$ (ayum); then from Oxyrhynchus XLII 3012 and LXX 4760. The two older pieces are taken up in S. A. Stephens \& J. J. Winkler, Ancient Greek Novels: The Fragments (1995) 148 -57. LXX 4761 may also belong; the assignment of P. Dubl. C3 ('Herpyllis', S\&W 162-72) remains very doubtful, see LXX p. 17. For P. Mich. inv. 5 (S\&W ${ }^{773-8}$ ) see now A. Stramaglia in L. Del Corso et al. (edd.), Nel segno del testo (Pap. Flor. XLIV; 2015) 164-6. For P. Gen. inv. 187 sec M. A. Bagnoud, $M H 73$ (2016) $129-53$.

The new fragment contains two blocks of text, i 1-23 and 38-49, separated by a section which preserves only minimal line-ends. Both blocks feature a first-person narrator (i $2,5,6$, 8, 12-13, 14, 41); if we assume, provisionally, that the two narrators are the same, the whole column may contain a single narrative. This narrator is male (i 5,14 ): not Carmanes, and not Meniscus if that name is recognised at i 4 t . In Photius' summary; Carmanes, Meniscus, and Azoulis are introduced as a group: Ioga22-3 oic (sc. Deinias and Demochares) cuveфántovtai


 Azoulis' departure (see i 45 n.), but Carmanes and Meniscus, as Dr Schmedt observes, seem to accompany Deinias on all his major excursions (round the world, the stay in Thule, the trip beyond Thule and to the Moon), and nothing in our text hints at a specific scene, except a dead girl (iin n.) and houses in the background ( $\mathrm{i}, 43,46$ ). As for the narrator, Deinias seems, by elimination, a likely candidate.

The original line-length is a matter of conjecture (see i iff. $n$.), and so therefore are the details of the narrative. With some guesswork, the plot might look like this:
'The narrator (Deinias?) had decided to go back and wait (at a house) until (someone) arrived, then to deliver something and be relieved of his task. He now goes indoors, where he finds Carmanes and others. Someone (the narrator or another?) rushes in, falls prostrate and weeps, (as having found?) the unhappy girl already dead ... The narrator tells himself that he would very much have regretted not waiting to find out the details about her. (After that?) he (will go off to the house, as he planned?) and wait for the old woman, but would like to bring in someone to help him, since rwo togecher can back one another up. (Gap of $c .20$ lines.) Now the narrator sets out (with Meniscus? who is the helper from line 20?). They hide their swords (under their cloaks) and arrive at a house, which they find shut up and no one at the door, since (the old woman?) has not arrived yet. He had entered (the house) opposite ...'

Dr D. Colomo (DC), Dr W. B. Henry (WBH), and Dr Helena Schmedt (HS) examined drafts of this edition, and I am most grateful to them for contributing the notes marked with their initials and for eliminating a cartload of misreadings.

Col. $i$



]каталацßа⿱шкаєтаєєшӨотатлат'т[].


| $\theta$ єєстр


〕үари.є......єфпитросєцаитогє!





20 I.



]кєлa
]ucoס $\eta$
].aไ̧ou



Col. ii
. 7. тєр!
-. []. . . .
!
.oca. [
5

$\epsilon c<\delta \rho a \mid$
$\pi \lambda^{2}!\frac{1}{1}$
т $\omega v$ ?
10
кає. . [
. $\mu \mathbf{\circ} \omega[$
тє $\boldsymbol{\rho} \boldsymbol{\omega}$ [
vidio [

15
yo...
$\ldots$
$\ldots$
. $\lambda \omega \omega$ [

20 щatse.



25

30

35
$\phi$
¢ 1 lipl. [
о«еє . [
Bגапп̃a[
.${ }^{\circ 8}$.
ф’aıर्ठ
.!феш . [
. ${ }^{\mu a} .$.
 , ve؟

$\nu . . \kappa a$. I
40

|roc: roomeararurupo
1.1. I. daverccrivac
1.[1...w 1. aupa

Col. i





















 Jxetpo $\delta$ J. ка! јаска

1. аитоия катарєуєч.


]ب оікі́ау каі ш́к кєк入(є) $\mu$ ém $(\nu)$
] каi ov̀סéva mpòc raîc 日úpauc
lop (оঠ̈тш ӑра а́фікєто а
]коуе. тòv катаутєкрѝ
. фаvwe crycac
I.[]...кe'
tev?

Col. i
t]., tip of oblique rising from left to right $\boldsymbol{v}_{\text {. . , see comm. }} \boldsymbol{\nu}_{\ldots} . .$. , remains of two uprights, ink at mid-height close after the second; top and left of triangle; top of upright; small tilted o? 20 . . . see comm. 3], trip of horizontal or descending oblique ar mid-height $\theta$, upright $\nu$, foot of oblique descending from leff $a$, foot of upright ( f from the spacing) to, o rather square, but too narrow for $\omega$ ? [.. [ ]. a, sec comm. 4]., upper part of upright on edge, more ink rouches the following $\pi$ at half-height $\pi \varepsilon$, , foot of long descender, more ink to right at mid-height; then trace level with leter-tops $\epsilon$. ....., first, thick ink at top level, perhaps oblique sloping down to join upright ( $v$ ?) $\quad s \tau_{\text {, , trace at line-level (oblique descending from right?), then ink at half-height }}$ 6 ]. ink just below lerer-tops $\delta_{.}$, ink at mid-height touching $\delta_{\text {, more }}$ higher to right 7 ]., end of horizontal level with letrer-tops ....[], see comm. 2], shadowy oblique on the edge a . . $\eta \mu$, first, top of oval?, second gendy sloping horizontal at nvo-thirds height; of $\eta$ trace of cross-bar, and right-hand upright; of $\mu$ che initial upswing $\quad a$, ink (beginning of horizontal?) touching $a$ at halfheight $\quad 10$ ti, see comm. ]. , heavy oblique trace above the line, perhaps top of narrow triangie; lower part of oblique or sloping upright, rising to the right $11 \delta$, ink level with letter-tops ]. ., see comm. 12 ], top of oblique rising from left to right 13 mav, unexplained ink below av 14 pu, see comm. € ..., see comm. is $\%$. upright ink, joining short horizontal at foot; top and foot of upright $\delta \rho_{\ldots}$, , see comm. $16 \rho$, ink at line-level, then conver ink at upper level (o?) !. .... see comm. $v_{0}$. , short horizontal above curving upright; top of upright 17] , right-hand side of $o$ or $\omega \quad$ a, upright, probably lefi and right tips of horizontal above ]., $\mu$ or $\nu \quad \eta$.., upper arc of oval; two sloping uprights $\epsilon_{\text {, }}$, wwo sloping uprights 18]., shadowy upright, perhaps end of high horizontal joining from the lefi '. . . lower part of upright; slightly concave upright, at top horizontal extending to right a ..., see comm. [], parts of upright, to right high tip suggesting upper branch of $k$ at, a added so that it crosses the tail of $a$ (WBH) 19]..., see comm. $\gamma \rho \ldots$, .. firss, foot of diagonal descending from right ${ }_{K}$, see comm. §s , traces near edge, top of upright $^{\text {, }}$ and splodge (misplaced stop?) on detached piece to right 20 ].., perhaps $\epsilon \omega$ (WBH) U....., see comm. 21 ] . . lower part of upright or gente oblique, joined ar mid-point by ink rising from left to right; descender reaching below the line, rising to rwo-thirds height, then oblique ascending to leff, more ink apparendy joining at the top ( $\rho$ ? or $v$ (HS)?) $\qquad$ unexplained ink to left of $\nu$ (correction?); then leff-hand are of circle; then confused traces, see comm. 22].... perhaps
 part of sloping upright; afier c , top and foot of tall upright (or dicolon?) 32 ] .., uncertain traces on twisted fibres 33 ] . . $U_{\text {。 }}$, third, triangular (a?) 34$], \mu$. . first, oblique trace rising to join top of upright ( $\mu$ ? ligatured t?) 35$], v \ldots$ first, end of bending horizontal joining top left of $v$, another trace on edge just below ( $\xi$ ?); afer $u$, narrow triangular top (a?), then possibly $\phi$, then top parts of two uprights $\left.{ }^{66}\right] .7 \ldots$. first, upright crossed by horizontal at mid-height: after $\pi$, unassignable remains 37 _ . ., second, top of thin oblique; third, heavy oblique sloping up gently from leff to right 38 see comm. 39 e, see comm. 40]., second tip of oblique sloping up from leff to right? $u$, high point probably belonging to second upright of $v$; then small $>$ or right-hand are of small circle (no space-fillers observed elsewhere in this text) 4i], top of upright $\tau$, ink in upper part of line on both sides of the split $\quad 42 a$, long horizontal ac upper level, and at line-level gendy curving horizontal ink extended to touch the following , 45]. ., ink at top level; upper parts of two sloping uprights $\quad 46 \epsilon$, foot of upright, lower part of upright 47].[, tip of very tall upright ], top of diagonal sloping down from Icft to right 48 ]. |, possibly a Afer e, apparently a middle stop (elsewhere only stops above the line)

Col, ii
I € , , tall sloping upright, short oblique going lefrwards from its foor, to right inclined are in upper part of writing space (o?); top of upright? [] . . lower part of upright?; lower part of oblique sloping up from left to right, perhaps continued after gap by ink high above the line $\quad 2$. ग. (added in leff-hand margin), descending oblique at upper level, touching upright ( $v, \ldots, \ldots$ ) ; ; $\eta$ rather than $v i$ top of high oblique descending from left to right 3 ... [, ink on line, gently rising horizoncal trace above (e of e? or rather $\tau($ WBH )); point at mid-level, then high horizontal trace $\quad 4$ o ink level with letter-tops $6 \ldots$... [, last, left-hand elements of $\varepsilon$ or $\theta$ ? 8..[, triangular outine, foot of upright below the line $\quad 9 \%$ (WBH 10 . . f, upright reaching below the line bending rightwards at top; ink at line-level (oblique rising to the righe?) 11], trace at mid-height to left of the gap 14 ...|. heavy upright reaching below line; top of upright curving to the right, short thin oblique at mid-height, heavy oblique (sloping sharply up to right) in upper part of writing space (e. ? or together w? $\quad 17$, , heavy upright reaching below line, traces of horizontal ink crossing the top 18 ..., lower left of triangular letter?; upper part of $\epsilon^{2}$ ? horizontal ink just below letter-tops 19 d.agal WBH 20 .|, perhaps $\quad 25$.[, lower part of upright 27 , horizontal level with leter-tops $\quad 29$, point above letter-tops just to the right, accidental rathet than small elision-mark? 30 , 1 , horizontal at two-thirds height 31 , see comm. . 1 , point on edge at half-height 33, [, foot of oblique rising to right? $34 \phi .$. , triangular outline (a) ): horizontal at mid-height, short upright below 35 , long high horizontal $36 \ldots$, uncertain trace, then perhaps elements of $y$..... first
 leff to right at mid-height (together $\kappa$ ?)
'... they might purloin something [from those indoors?] ... I had decided [to hasten to] him ... But [long after] ... to return again and ... to [wait?] around ... until [1 caught him/her?] aniving, [so that I could deliver ...] and, having delivered (it?), get away ... [I had it in mind], but when I got inside ... I find those around Carmanes ... the usual things ... in the space of a day. And ... I myself (or: he himself) running into [the room] ... lay flat and [wept for] the poor girl [as?] already dead. And 1 [would] immediately have [regretted it], [if] I had not waited around to [learn] the fact about her ... I sid to myself ... (18) And indeed ... and to wait [there] for the old woman ... ifI could [bring in] sameone to help ... no bad thing for two [friends to assist] one another ...'

14 lines largely lost.
4Iff. 'I go [with Meniscus?]. And hiding our swords [under our cloaks] we arrive ... at the house, and when [we find it) closed and no one lon guard?] at the doors (so ... did not arrive yet), [I had entered the house] opposite ..."

Col. 1
1ff. The original line-length remains uncertain. If we assume that col. i sloped slighdy ourwards towards the left, like col. ii, and make allowance for the warping of the papyrus, it seems that the supple-
 same left-hand margin. Of course both supplements are no more than plausible, but the other supplements proposed exempli gratia limit themselves to the same length. Very approximately, the inicial lacuna in :-22 would hold c.10-12 letters, the initial lacuna in 40-46 c.15-17 letters. See furcher 40-47 n .

1 Perhaps ${ }_{\kappa \kappa \epsilon \mu \epsilon v o v ~(i n i t i a l ~ t r a c e ~ t h e ~ u p p e r ~ d i a g o n a l ~ o f ~ k a p p a) . ~ T h e n ~ p r o b a b l y ~ w a l i d . ~ A t ~ t h e ~ e n d ~}^{n}$
 was indoors'?

 afier a lirtle while 1 changed my mind in favour of turning back ...'?
 above op, presumably as a correction, the ink of $v$ rather thick but not obviously corrected. Then remains of two or three letters on fibres displaced upwards, then eraces of two or threce letters at normal range, the

 we could cry the relatively rare $\pi \in p, p_{i}(\theta)$ ypeiv, 'wait at the door'. But WBH thinks the ink more suitable to |\%, i.e. r|ךркiv.


ano 'oove $\delta$ ' seems clear, although $\delta e$ is writen without elision in the next line. The alternative would be ároboûca: against this (a) the triangular ink, with a flat base that extends horizontally at the lower right-hand cornet, suits dela better than alpha, alchough some alphas come close, e.g. in 13 aump; (b) 'I' feminine would be at odds with 'myself' masculine in 14, and there is no obvious place where a male narrator could take over from a female. If $\delta^{\prime}$ is right, we expect the preceding clause to contain e.g. àmodoin $\nu$, with someching to introduce the optatives, which clearly cannor follow on from 4 ect agv. Even if the implied subjunctive stood at the end of 4 , the estimated lacuna at the beginning of 5 leaves little room for manocuvre. E.g. iva $\delta$ oiqu тicr]fer would fill the space.
rov .... . Possibly тoúrou dé, but the traces on displaced fibres are hard to judge.
$6] \omega_{\mu} \eta \nu \mathrm{HS}$ and WBH. E.g. $\delta_{6 \in v o o} \mathrm{v}_{\mu} \eta \nu$ of what the narrator had in mind, as set out in what precedes' ${ }^{W}$ WBH.

 afies $e$ triangular top. ] the top of an oblique sloping up from left to right.
 the narrator?

 סıactйцатı Basil. Hox. 2.8 (GCS NF II 35.16). Here in the same temporal sense, 'in the space of a day'? WBH noter the alternative spatial sense, 'at a distance of a day's journey', see DGE s.v. li. (b).
$\delta \dot{6}$. After this there would be room for 1 or 2 letters, but their lower parts should still show on the surviving surface, which seems to be intact.

 This may not fill the space, as e.g. oik ${ }^{2} \mu$ ]áriov would. But in any case there is hardly room for a name, which encourages the thought that av̉roó refers to someone already mentioned, i.e. Carmanes, of the narrator himself.
| ]. ., probably [x]ai.


 катаßádhet, ovं $\mu \eta \nu \nu$ катактeivet. The detail might fit better, if it applied zo someone orher than the narrator. Alternatively, as HS suggests, we might take «גet as an itacism, which widens the field to include c.g. $\kappa \lambda \mid \epsilon]^{i}| | \varphi \eta c$.
$11 \leqslant \bar{o} .[$ [ . . etoó $[\kappa 0] \underline{\varphi}$ would fit the traces and the overall space, but $\psi$ would need to be very
 © $\delta \dot{\alpha}[\kappa \rho]$ 偶 (WBH), would suit the context, but it requires the leteres to be very closely packed.

A dead girl and the swords in 42 ff. might fit the story of Thruscanus, who killed Pappis with a sword, and then himself, when he found Dercyllis apparently dead (סokoüca vexpá Phot. nobro). But the fit is not close.



 where the danaged word(s) might qualify | $\phi$ |
| :---: |
| 议 (as e.g. elsewhere erevásac) or form parr of the quoted | self-address that continues in is. Perhaps umeitiov, but $u$ and $\pi$ would impact on each another, as if $\approx$ had first been written as $\pi$, and extra ink above might allow $\tau$ 't for $\pi$ (HS). But hen how to construa the syntax?




 tive a are difficult to assign. Alernatively, a word end $-y$ and then кa[i], the final a lost in a narrow area of stripped fibres. Affer $\pi \in \rho$ the letrers seem to be: triangular top; confused ink followed by part of uprighr: parts of a Y -shape; triangular top with base ( $\delta$ ?); top of uprighti two uprights. Furher high ink to the right is probably part of the following $\kappa$.

17 . rarnc; the first trace suited to either o or $\omega$. I have assumed, provisionally, that the blocch above the line is a stop, though larger and more irregular than elsewhere. Then perhaps кa[i] WBH.

End: $\beta \in \beta a \iota \hat{\omega}, \beta_{\epsilon} \beta a i \omega(t), \beta \in \beta a i \omega[c], \beta \in \beta a \iota \omega \mid[c \cdots$.
 urace looks like a middle stop, the second like the top and back of $\in$ (WBH) or possibly $u$, and the chird is uncertain ink ar line-level. A middie stop would exclude neiveiv, as HS nores, bur also make it very difficult to construe the remaining traces before a new sentence begins with кai. I therefore aker it as accident, and suggest $\pi$ eivetv dest.

каi $\mu \dot{\varepsilon} \nu \delta \dot{\eta}$ : heavy connective introduces next phase of the action?

19] . . , possibly |e! (WBH).
 decided to gol myself ... and to wait for the old woman there?
$\left.{ }^{20}\right]$ ].. $]$.f!? or $] . \omega(\mathrm{HS})$ ?
$\delta v[\nu]$ ain $\quad$ Y WBH.

 lacuna in 28 .
 one another'. 1 can find no satisfactory reading for the missing word. E.g. obrrac or фilouc look too shor:


24 í $\gamma]$ Xecipiôi| [ov (or an oblique case)?
 29]. alou (e.g. Aau J $\mu$ а 弓ou-) WBH.
31 Perhaps ] . .rec WBH. After c high and low points as of a tall damaged upright or a widely-spaced dicolon.

40-47 If the supplement suggested for $\mathbf{4 1 - 2}^{-2}$ is plausible, the initial lacuna held $c .15$ letrers. In
 a|[....|кove, 47 oikov] iфarewe. But that would leave very lietle room for manocuvre in $t-22$, where the lacuna is shorter by c, $3-4$ lemers.
 space-filler (not found elsewhere in this rati), possibly puncruation, though the shape in 48 is different. The speaker tells che ochers to stay put, and goes off alone (with his helper?).
 is just as possible. Then it seems $\beta a \zeta_{1} \xi_{i} \omega$ for $\beta a \delta i \xi \omega$, more likely a graphic than a phonetic error. No puncruation here, but presumably крúrтoytec ('the rwo of us') begins a new sentence.


 to which $\alpha$ piuntoveec attaches. In that case the high stop after $\xi \dot{\prime} \phi \eta$ represents a comma, delimiting the participial clause.

## 43-6 E.g.





4s It seems inevitable that oöm äpa begins a parenthesis, which refers to a third character. One possibility might be $\bar{A}|\mid$ (ुouncc. But we might expect the article (cf. i 7 ), and in any case 19 may imply that it is the ald woman whom they expect.
 gulas participle (rẏcac in 47) might contrass the narrator's actions with those of his companion. tôv катаитiкрú presumably continues with e.g. oiкov, múpyov in the next line.
 end, cricac participle rather than ctricac| $[\theta a t$, - $[\theta \epsilon$ ?

48 -cke likely.

Col. ii
2. ..., note in lefr-hand margin, apparently $\varphi \eta$, then the top of a criangular letter, perhaps raised to mark the end of an abbreviation. тер $\mu \mu \nu \nu-$, cf. $i$ i 3 ?

7 eic $\delta \rho a[\mu-$, ef. i 10.$$
11 ọ́ноьш].

17 T $\tau \lambda \omega c$ [ more likely than $\gamma \in \lambda \omega c[$ to judge from the spacing. nav]|ఫedîc or the like?

21 кр!коч ( (кріко- ог е.g. vє]|кртко- WBH).
${ }_{23}$ Perhaps $\epsilon\left[\begin{array}{l}\imath\end{array}\right]$ WBH.
26 Perhaps $\beta_{l} \| \beta \lambda_{i ́ a}$ WBH.
27 Perhaps птоу DC.

${ }_{29}$ Perhaps an apostrophe after $\phi$. In that case e.g. e] $\mid \phi^{\prime}$ ole WBH.
30 Perhaps $\epsilon!\delta \omega \%$. [.
33 . $\rho$ a $\mu \mu$. [ DC. A horizontal trace on the left-hand top of $\rho$ may suit $\chi$ pop $\mu$.
34 -фa т̣aũ [a DC.
35 Perhaps тiver[ DC.
36 àvopw[ $n$ WBH.
37 Possibly paev. [? (WBH). Below this line a paragraphos.
P. J. PARSONS

## 5355. Novel (Caugone)

412/130(a)
fr. $1 \mathbf{c} .20 .2 \times 25.6 \mathrm{~cm}$
Second/third cearuy
Plate VIII
The main fragment contains parts of four columns. The upper and lower margins are preserved to $c .3 .8 \mathrm{~cm}$ each; intercolumnia of $e .1 .7 \mathrm{~cm}$; column-height $e .17 .8 \mathrm{~cm}$, with $c .32$ lines, 16-24 letters per line. The writing runs with the fibres; the back is blank. The columns slope lefnwards as they descend. Fr. 2, eight line-ends and (perhaps) lower margin, may represent the foor of col. ii.

The scribe writes a racher loose subliterary hand, with fearures (like the angular epsilon) that recall the cursives of the third century AD. For datable parallels see GLH $17-18$, notably 18b-c (P. Vat. inv. Gr. In, Favorinus), which has a terminus post quem of c. 215 AD (see S. Alessandri, APapyrol 25 (2013) 209-41, esp. 240-41). Although his script is irregular, he mainnains a relatively even right-hand margin, while observing the rules of syllable-division; in one place at least he adds a space-filler (fr. 1 ii 11 ). He makes no use of lectional signs, except diaerosis: clision is effected but nor marked at fr. 1 iii 31 üфwv (a single unit), elsewhere scriptio plena is the norm (ii $7,9,17$; iii 20, 27, 31). Some but not all spaces berween words may represent punctuation; paragraphos is written below fr. t iii 10 , perhaps with special significance, since it appears at no other of $c .25$ preserved line-beginnings. lota adscript written at f. 1 ii $8-9$ (perhaps in error) and iii 27; no clear example of its being omitted. Line-final vakes the form of a high horizental in fr. 1 ii 13.

The rext refers to Calligone (fr. I ii 6, iii 19) and Themisto (ii 17), 10 Amazons (ii 7 , iii 23) and Maeotae (iii 17, 21), and to Borysthenes (fr. 2.3), which may be the river Dnieper or the town of Olbia. Thus the action takes place on the north shore of the Black Sea, wert and east of Maeotis (the Sea of Azov), and these are the Northern Amazons, as placed by Herodotus and probably by Hellanicus (Fowler, EGM II 289). In Herodotus' account (4:40-17) a group of Amazons, captured at the battle of the Thermodon, were carried off in three ships
they killed their captors, and the ships were carried by wind and wave into the Maeotis, where they encountered the Scythians; some married Scythians, and moved east of the Tanais (Don), and from these descend the Sauromatae. Literary tradition continues to associate them with Maeotis (Eur. Herc. 408-10, Prop. 3.11.14), though also with the Don and the Caucasus (Strab. 11.5.1-2, D. S. 17.77; Stat. Silu. 1.6.53-6, Claud. Rapr. 2.62-6).

The personal names link the new papyrus to another find from Oxyrhynchus, PSI VIII 981 (S. A. Stephens \& J. J. Winkler, Ancient Greek Novels: The Fragments (1995) 272-4), assigned

 This older rext mentions Sauromatians (12-13), Erasinus (17) the cause of Calligone's distress, and Eubiotus, who restrains her from suicide ( $8-9,29$ ).

The rwo fragments, though copied by different hands, clearly represent the same narrative, which can conveniently be called 'Calligone'. The new piece establishes that Themisto and the Amazons played a role in the plot, not just in the rhetoric; and since Calligone first meets Themisto in 5355, whereas she is a familiar reference in PSI 981, the older piece must belong later in the story. For the earlier stage 5355 supplies useful details. In fr. I col. ii Calligone is travelling on a ship, which is forced ashore in Amazon territory. She and her parry are taken to Themisto their queen. In fr. 2, if rightly placed and restored, Calligone explains that she comes from Borysthenes (Olbia), where 'recently' her father was king. Later, in fr, i col. iii, she organises an army (of Amazons and others?), on Greek lines, in preparation for battle. This is the same Calligone who, in PSI 981, carries a sword and lives in a tent. Besides war, there is a love-interest: someching mentioned in 5355 fr . 1 iii 19-20, perhaps the Erasinus whom she first saw while hunting and whose death (no doubr falsely reported) may be the cause of her despair in PSI 98I. The names reflect the roles: Calligone 'of noble birth', Themisto 'dealing out justice', Erasinus 'desirable', Eubiotus 'living a good life'.

Scholars have looked for further hints in literary texts (Lucian, Toxaris siff.; Polyaen. Strat. 8.55), constructing a school of 'Black Sea' or 'Bosporan-Scythian' romances. See D. Braund, VDI 254-4 (2005) 34-45. Eubiotus features in Lucian (Tox. 51-4), as illegitimate brother of Leucanor king of the Bosporans; he lived among the Sauromatians, succeeded his half-brother as king, and fell in battle against the Scythians, leading an army that combined Greeks, Alans and Sauromatians. For the conjecture that he was Calligone's father, see fr. 2.6-7 n.

These romances will reflect real history and continuing dangers. Olbia (Borysthenes) was sacked by the Dacian Burebistas c.sO BC; when Dio Chrysostom visited the ciry c. AD IOO, he felt impelled to comment on the marginality of its hellenism.

I am indebted to Susan Stephens and the late John Winkler for initial discussion of this text (see Ancient Greek Novels: The Fragments (1995) 268); and to seminars in Newcastle, Reading and Bologna (especially Prof. Camillo Neri and Dr Anna-Maria Peri) which illuminated both the detail and the context. Dr Daniela Colomo (DC) conserved the original and substantially improved the transcript; Dr W. B. Henry (WBH) contributed further corrections and improvements to a final draft.

## Fr. 1

Col. i

$$
]_{j} \ldots \mu \in[]_{\square 1}
$$

$s$
ทлеу. [].

10

Fr. 1
Col. i
${ }^{1}$ ], horizontal ink near line-level 2], top of uprightre, perhaps then horizontal ink joining cross-bar of $\tau \quad \rho_{\text {. . . lower loop as of } 0 \text {, then foot of upright, and higher, well above the line, heavy }}$ convex ink 3]. . third, long horizontal at two-thirds height; $\epsilon$ or $c$ t top arc of circle or ord: upper part of upright, confused ink to right 4]., ink on edge, level with letter-tops, then point at half-height; upper part of upright, tips of rising and descending diagonals to right? y., ink at line-level, then right-hand arc of oval (together, w?) $\quad s$ confused traces $6 e$. .f. probably simply e $\theta$, the theta divided by a split in the papyrus 7 l, long horizontal, ink above is beginning (e) 8 ]. , short upright joining at foot short diagonal rising to the right $\quad$ I]., long horizontal

$$
\begin{aligned}
& \text { ]. } \mu о \iota \pi о \lambda \text { ооккаєффо } \\
& \text { ].тр.......кать }
\end{aligned}
$$

Col．ii
є $\delta \omega \kappa$ ，vïva ．．．．
т $\rho \in ф о \iota \tau$ ．каıךтара．［
стๆитаьєเтаıаитทи［
vwขovтоuєpyov［］．．．］


саєісторана．［］vi，va．［
үıа入о⿱катєкодтисеvаи

10
$\kappa$ ．［．．．．．．］．тоиескешея
т．［．．．．．．．．．．］．．．［］тахv，
$\delta[\ldots . . ..] \omega .[.] \mu a$
．［．．．．．．］．סраноука！тп ］．тпүоукаитоис
15 ．．］${ }^{1} \lambda є о \nu \tau а с є \chi \epsilon\llcorner\rho о \cup \nu \tau о$ ст $\eta$ расı入єvovcav
10єцкстшороца ．
．．．．．］．vç ïסouca $\delta \in \tau \eta \nu$

20

Col．iii
Col．iv

10
$\pi$ ．．［
$n v[$
$\epsilon \pi \epsilon$ ．［
$\ddot{i \pi}$ ．［
${ }^{15} \quad a \gamma .[$
！．．I
$\mu a \iota \omega, a_{l}, \mu \in \iota \nu[$
vоเархє८ঠєкакєเџ［
$\nu \eta \eta \delta_{.} \kappa a \lambda \lambda_{\iota} \boldsymbol{\gamma} \boldsymbol{\nu} \eta[$
$\rho \omega т a . \pi .[.] \mu \in y .[$
$\mu \alpha \omega \omega . \omega \nu .[] \epsilon \iota$ ．［
тєка！．．．$\epsilon \omega \operatorname{co\pi } \omega . \delta \epsilon$
т $\omega \nu \alpha \mu a \zeta, \nu \omega \nu \kappa a \iota o$ Mov． $\boldsymbol{\alpha}!$
25 ．．．．．．．．．．．．．．
25
T．［
$\pi \lambda_{1 c}$
vєтоаитŋเข゙тоако

салохоисєтоьтсекаи ．：［
30 ．．．］vceтєстท＜єขка．çv
］$\eta \mu a \tau \alpha \in \delta!\delta[. . ..] \ddot{\phi} \phi \omega \nu$
｜ахєıөаıт［］．$\mu a \chi \eta \nu \chi p \eta$

Col. ii
éठwкє̣Viva € . . . [.
трєфогто каї ที тара. [. .
 vavòv тoû Ěpyou кaị [.
vov тoû тal! $\delta$ iov. $\dot{\eta} \delta \epsilon$. [.

 үเа入óv катєкódтıcєv avi$\tau \hat{\eta} \iota \tau \epsilon \pi[\epsilon \pi \circ] \nu \eta \kappa v i \hat{\alpha} \dot{\text { ú }} \pi[\dot{\partial}] \tau \hat{\omega} \nu$

т.[............]..[] тaxù
$\delta[\varepsilon$ .] $\omega$.[.] $\mu a$
.[.....] $] \delta \rho \alpha \mu о \nu$ каі $\tau \dot{\eta}(\nu)$
тє vaûv к]ã $\bar{\eta} \gamma о \nu$ каi тoùc

$\kappa$ каi] ஹ́c $\tau \eta ̀ \nu \beta a c i \lambda \epsilon v ́ o u c a \nu$
 vc. îठoûca $\delta$ è т $̀ \nu$


$\left.{ }^{\circ} \nu \tau \omega \nu \dot{v} \pi \epsilon\right] \rho a \nu \theta \rho \omega \dot{\pi} \omega \nu$

$$
\begin{aligned}
& \text { ]... } \pi \sigma_{\alpha} . \\
& \text { ]. .at }
\end{aligned}
$$

Col. iii
67

10
$\left.\begin{array}{l}\frac{\delta}{\pi} .[ \\ \kappa v[ \\ \epsilon \pi \epsilon[ \\ i \pi .[ \end{array}\right]$
is ay...[
$\epsilon$. .
Maıผ̂тaı $\mathfrak{\eta} \mu \epsilon i v$ [.

$\nu \eta \dot{\eta} . \dot{\eta} \delta \underset{̣}{i} K a \lambda \lambda \iota y o ́ v \eta[$
$20 \rho \omega \tau a . \pi$.[.] $] \epsilon \boldsymbol{y}$.]
Maı $\omega \tau$ ஸ̂̀ . .[]єı.[
 . $\tau \omega \nu$ 'A $\mu$ а $\zeta$ ọv $\nu \nu$ каі o .
25
$\pi$ kat.
єфа!-

$\beta \lambda a ́ \pi \tau \epsilon \subset \theta a u$, סıакрє $[i] \varphi[00-$

$30 \gamma 0] u ̀ c$ è $\pi$ écrทсеу каi сиv-

$\mu] a \chi \in i ̂ c \theta a \iota ~$ т []. $\mu \alpha ́ \chi \eta \nu \chi \rho \eta$

Col. ii
I $\kappa$, upright trace on the edge a.... [, top and lower curve of $\epsilon, \varepsilon$, more likely $\epsilon$ if ink on displaced fibres represents the cross-bar; second, foot of upright, doubfful rising oblique to right ( $\kappa$ ? ); possible upright, horizontal ink above?; concave ink at upper line-level $2 \tau_{\text {r }}$, see comm. .[, ink at lower level $\quad 4$...|, ink at upper line-level; high oblique descending to right (sop of a?); uprighr on edge. hooked leffwards or crossed by horizontal at the top s. [, horizontal ink level with crossbar of $\epsilon$, curving down or joining vertical to right 6 | ทupl, first, foor of upright; of $\nu$ the top of the leff-hand upright and of the descending oblique; its right-hand upright and $a$ on a small fragment now detached $\quad 7$, [, foor of oblique descending from right to left $v_{t}$, concave erace at line-top o., upright descending below the line $10 \mathrm{\kappa}$. |, at two-thirds height, tip of oblique sloping down to right \}., threc traces in triangular formation in upper part of line; parts of upright $11 \tau$. [, small lefi-hand curve high in line ]. , dots of ink level with letter-tops 13 .[, three spots of ink in triangular formation ]., ink at line-level 14]. foot of diagonal descending from the left 16]., perhaps parts of $\omega \quad 17 \mu \mathrm{a}$. foor of upright to leff of small hole 18]. ink at line-level 20 ]., ink lerel widh leter-tops 25 ] , convex ink level with letter-tops 22 a..., lower part of upright, then point at lise-level and perhaps left-hand are above and another point just above lecter-tops 23 ]. . sop of upright: tip of oblique rising from the left

Col. iij
10. .|. foot of oblique descending from right, then trace at top level ( $v$ ?) " . . [, point at top level, then another at line-level, then foot of long descender 13 , [, high ink curving down to right (w?) 14 . |, trace at top level 15 . .|. a . | or p. [? 16 ..., upright, then to right heavy spot of ink at mid-height $\quad 17 \mathrm{\omega}$. lower part of upright, foot hooked to left a!, after a gap, foot of upright? $19 \delta$. afier a gap, ink on the edge, at top level, and at mid-height right-hand end of horizontal 20 a., faint trace .[ point of ink at mid-level $21 \omega$., point at mid-height before abraded patch !., , after a gap and on an abraded area poine at line-level and very long oblique sloping down from right to leff ( $x$ ?) .|, upper and lower traces of oval? $22!\ldots$, , first, lefthand are of oval $\omega$, lower left-hand curve ( $\epsilon, 0, c$ ?) 23 . . T, second, tip of leff-sloping oblique above the line, more ink below (a?) $\zeta$, lower arc of small circle or oval 25 . . , last a lower loop, as of $\omega \quad 29$, ol, top part of triangulat letter; of o only the left-hand arc
Col. iv
24 . [, lower arc of o?
Col. ii
*... gave ... so that ... [it] could be brought up. And she ... makes her ... a partner in the work and [the nurse] of the child. But the (other?) ship, the one carrying Calligone, came in to land off the Amazonian coast, hard-pressed by the waves in itself and (distressed) by the baggage (or: in its tackle). And soon ... [Amazons?] ran up and broughe the ship in and took the passengers prisoner and (led them seraight?] to the reigning queen, whose name was Themisto. And when she saw [Calligone], she admired (her) for her [beaury] and size, which were superhuman ...'
Col. iii
"(17) Macotians ... and them too a woman rules." But Calligone ... love ... (took care of?) the ... and atmour of the Macotac. And so that the ... of the Amazons ... , (since the army) secmed to her to be harmed by iss indiscipline, she divided it up and established battalions, and put battalion-commanders in charge, and uaught them the signals by which [they should expece?] to fight the battle ...'

Col. i
Left-hand portion of lines $1-4$ on a small fragment joined here by WBH.
$1 \pi 0 \lambda \lambda o i$ каi $\phi \dot{\phi})^{\mid}[\delta \rho a$ or the like?
${ }_{3}$ Possibly $]_{\tau \epsilon} \ell \eta \mu \epsilon[\nu]$, cf. $4,6$.
6 E.g. $-\eta \nu$ éq $\boldsymbol{\eta} \| \times \kappa$.

## Col, ii

Lines of $c .20$ letters.
1-2 ébweev or a compound: the trace scrongly suggests e, not a. Afer iva, e very likely (with scriptio plena, as expected); then $\tau \boldsymbol{p} \dot{\phi} \phi$ orro rarher than - $\tau \varsigma$. 'He/she gave [the child? to X !], so that it could be brought up ... $\therefore$ At the end of 1 perhaps eктol, possibly exx кivóvou would be much too long.

2-3 Two ambiguities: $\eta$ might be article, relative, or demonstrative, aurinv might represent aurtip or aivinv. With aúriv we could guess that X (a woman) has addressed the preceding words 10 Y (another
 proper name, кai $\dot{\eta}$ Hapa .|, but I have not found a name chat satisfies the final traces or the eximaned space, since we must allow at least one syllable for the next word, e.g. $\pi$ ri|krin. кai i $\eta$ nápau $\mid$ (a might satisfy the space, but seems excluded by the trace. каi $\eta$ napac $[\pi] \mid$ |crìn norititar aúripu fius well palatograph-
 the masculine noun mapacnic $\tau$ jic rings strange, unless it deliberately adapts io this world of virile women.

 the situation.
$s i{ }^{\boldsymbol{\eta} \delta} \mathbf{\delta}$. [. . . . : the last trace probably r (left-hand part of horizontal and junction with upright). If
 In either case we see more than one ship setting out (from the captured ciry'), which no doubr preludes separate adventures and narratives.

8 катєко́dтicev: left the open sea and entered a bay or gulf. A technical ierm of navigaion, see Pol-

 Thuc. 8.92; formulaic катакодлi弓ouт» if you follow the indentations of the coasline instead of sailing directly across', e.g. Strab. 8.2.1. Here the ship is the subject: does that imply that it was out of conerol and blown inland? If the ship leff from Olbia (and that is no more than an assumption), the obvious wodnoe close to the Northern Amazons would be the Sea of Azov, So in Hdt. 4110.2 the Amazon prisoners from Thermodon, having killed their captors, were carried by wind and wave to Kremnoi in the Macoctis.
$8 \rightarrow 9$ aivink or auvivi\{ \{\}? Since the scribe uses iota adscript correctly at iii 27 , we should ake it seriously here. The meaning, presumably, would be 'labouring under its own weight', the davive used in parallel to roî cкevecc. The expression seems rather precious for this ingenuous narrative. The nominative au'ryं $\{1\}$ would contrast the ship 'itself' with the exein thax it carries.
$9 \pi[\epsilon \pi 0] \cdot v \eta \kappa v i a$. This verb is commonly used of damaged ships: e.g. Thuc. $7 \cdot 38$, Eph. FGrHisl 70 F 199 (D. S. 13.41), Arr. Ind. 25.1. Note Philop. Aet. Mundı p. 202.19-20 R. vaumproic ällore ähnv cavi8a



10 cкeviect: 'baggage', loaded by the passengers'? or 'gear', 'tackle', essential to operaing the ship (listed Xen. Oec. 8.11-12; everything except the masts, Arr. Periph 5.2)?

II 7 . |. The trace, apparenily the left-hand arc of a small circle, most suggests o, or possibly $\omega$. We might look for a participle parallel to лєпогэкvia, but I have found nothing suitable: the trace, if rightly read, would exclude тa[גatrmpoûca. Alternatively, some qualification of roic exeviect; rọ[coúrorc oiern would fit the space. WBH judges that $\tau \in[$ could be read, and suggests e.g. тe[Tapaypév]ọe, "and with her


At the end, raxú perhaps begins a new phase of the action; then probably $\delta[\dot{\varepsilon}$. Of the plural verbs that follow, nar] ¢́ठpapor'ran in from the open sea' and $\kappa$ ]aripor' 'brought the ship in to land' might apply to the crew, but exetpoûvoo implies an enemy force, which should then be the subject also of the verbs in 13-14.

12 ]w. [. ] $\mu \alpha$. There is no obvious damage to the left of $\mu$, so we may be dealing with ] $\omega$, followed by a blank space. Otherwise we could consider a restoration on the lines of taxú $\mid \delta[i$ ai $\phi \dot{j} \lambda a n e c ~ \tau] \hat{\omega}$



15 excıpoûvzo 'of zaking prisoner E. T. 861, X. HG 2.4.26' LS] s.v. II.ı.




 ¢ vi] $\theta \dot{\sim}$

18 . . . . yc. idouica. The space before î seems a little wider than usual; and, although the diaeresis would not in itself preclude a prepositional compound, the traces do not suit eicioovica or $\pi$ poctioovica.

I8ff. The female subject here must be Themisto, even though the qualities admited in 19-21 might







 tatively suggests таiс ката] $\lambda \eta \mu \pi т$ aic: the Queen would address the female captives, and Calligone reply in the following lines.

23 Perhaps ] кat.
24 ff . It is likely that fr. 2 provides the foot of this column, see below. If the last line of fr. 2 ranged with the last line of fr. 1 col. iii, no complete line is missing, i.e. line 24 here $=$ fr. 2.t. But that gives only three lines to accommodate "She asked her, "Who are you and from where?". And Calligone replied'.

Col. iii
Again, lines of $c .20$ letters where complete.
1s áyrol or ápyol possible.
17-19 End of a speech by Themisto to the Amazons ( $\left.{ }^{3} \mu \mathrm{fiv}\right)$ ? At simplest, she proclaims the alliance with the Maeotac; $\kappa \alpha, \kappa \in i v[\omega v$ refers to them, and $\gamma v] \mid \nu \eta$ to Calligone. In that case кouv $\omega$ ]|voi seems likely


There is a remoter chance that other tribes entered she picture. Here [kai Ada]|voi would fit the space
入íдиๆи катоикойтес). In Toxaris 54 Eubious attacks the Scythians with an army of Grecks, Alans, and Sauromatians. Similarly кùкeiv [ $\omega \nu$ might refer to the Sarmatians, an élvoc yuvauкoкparoúpewov neat door to the Macotae (Scylax, PerrpL Scy/ 70-71). In Polyaen. Serat 8.56 the Greeks of Chersonnese appeal to the Sarmatian queen Amage for help against invading Scythians.
 a single doubtul trace, $\omega$ by a point at top level. If this reconstruction is right, cf. Heliod. t.1.3 wai $\eta$ '

 it would be a matter of 'pushing away love' iself: because her lover (Erasinus) Gighs for the other side'

2I Matwт̣̂̀ . [] $]$. .[. The first trace, at line-level, may represent a narrow letter (too far to the right to form part of the preceding $v$ ); the second trace, a very long oblique, suggess $x$; the last, parts of c. ( $x$ et would fit the ink, but to judge from the spacing ( ( $f$. rxut at ii is) another leter intervened berween $x$ and ct. Dr Colomo note that $\chi$ peicia in the sense 'military service' would suit the context, or we could consider xpeiac as 'needs' (for armour and weapons), but neither provides the senence with a verb. Space would allow expav at the end of 20, with exet here, but that does not easily cohere with the otherwise

 make no sense; or a past tense ex. eiç-.

22ff. The general sense may be: And in order that the army of the Amazons (and others!) should Gight effectively, given that it seemed to her to be damaged by indiscipline, she divided it into companies
23. . $\tau \omega v$. If $\tau \hat{\omega} v$ is the article, perhaps Tạ, but nothing remains of the first letter but some specks.
o: $\delta$ ? or o-? 'O|[ $\delta$ puecûv might be thought of, though historically the Odrysian kingdom has is roars well to the south of the Maeotis; but the scanty traces in 24 do not encourage it.

24 , at. probably кaı and then a narrow $\omega$ rather than o.
 Calligone herself, who puts on (e.g. èvoiverat) her armour?
$26 \pi \lambda_{i}$ cev. Unexplained ink above the second hasta of $\pi$, but apparendy not re; then $\lambda_{1}$ might be $v$, and $c$ the lower part of $\epsilon$, making meetu.

26-7 sфa! traces before € $\oint$ a! may be read ạtọ, suggesting e.g. ctpatóc or крároc, but I can find no saústaciory restoration.
 tency: or scribal lapse? The normal phrase is cív $\theta \eta \mu \mathrm{a}$ סoûval, e.g. Ach. Tat. 4 III 2 èni rà ömגa éxúpour каì

 instruction. In that case v́ $\phi$ ' $\dot{\sim} \nu$ should refer to cuverimara, with the sense 'by whose agency': as a military term, the word may indicate signals as well as passwords. Cf. App. BC $5.43^{88}$ riny etpariar, ör roie
 катà cúvenца сá̀mırүoc.
$32 \tau[1 .-7[\eta]$ would be a litde long for the space, though not excluded given the irregulatiry of the hand, but the lass rraces (ending with an upright whose foor is hooked sharply to the right, as in e or c) seem incompatible with $v$.
$\chi \rho \eta$. Perhaps $\chi \rho \eta$. WBH notes that examples of $\chi \rho \eta$ with a future infinitive are very rare and late, and suggests that $\mu$ ]axcic $\theta a a^{\text {depends on a verb of futurity, e.g. } x \rho \eta) \mid[\pi \rho o c \delta o x a ́ v . ~ A l t e r n a t i v e l y ~(e . g .) ~}$ xp ||cipeac ienedtov.

Fr. 2

| \%. . . .].[ |
| :---: |
| ипстодıс. |
| puctevouc |
| Прослєє |
| ]. vevరєєv |
|  |
| ]тทрєцос |
| ]. тоӥ $\boldsymbol{\epsilon} \boldsymbol{\tau} \boldsymbol{\tau}$ |

$$
\begin{aligned}
& \text { c. } 5 \text { Bорис } \theta \text { é] } \nu \eta \text { т то́дие } \\
& \text { е̇ } \pi i \quad \pi о \tau а \mu о \hat{~ B o] ~ p u c \theta e ́ v o v e ~} \\
& \text { ทั้ катч́кıсє } \delta] \hat{\eta} \mu \text { ос } М є \iota-
\end{aligned}
$$

$$
\begin{aligned}
& \text { таи́тทı } \mu \epsilon ́ \chi \rho!] \pi \rho \omega \dot{\eta} \nu E u \text { ù }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ]. то } \dot{\nu} \mu \epsilon \tau \epsilon-
\end{aligned}
$$

$1 \pi$. descender reaching below the line ( $\rho, r$ ? ) $]$, $[$, foot of very long descender $2 e$, oblique rising from leth to righe s], stroke rising from left to right to join left-hand tip of $u$ 8 ]. points above and below the line, one above the other.

Line-ends and perhaps lower margin. It seems likely that this piece provides the foot of fr. I col. ii. The verso shares a strip of lighter fibres. The recto fibres are compatible with those of fr. I iii 24 ff ., but without fixing the horizontal range absolutely; if the last line corresponded io fr. i iii 32 , then no complete line is missing berween fr. 1 ii 23 and fr. 2.I. In that case we expect lines of $\mathrm{c}, 20$ letters, and the otherwise plausible supplements in 3 and s serve as a yardstick for the rest, which are offered only as possibilities.

In fr. i ii 18-21 Themisto meets Calligone for the first time. It is likely enough that she asks the





2 Afier пồce a clear oblique trace, most probably a space-filler like that in fr. i ii in; in itself it might belong to $\epsilon$, though with the bottom hook very perfunctory, but we would expect to see more of it to the right.
 es a Milesian foundation, see Hde 4.78.3.

6-7 Eit||Bioroc doubefully supplied. A name seems likely, and this name figures prominently in PSI 981 as the male character who restrains Calligone from suicide by concealing her dagger. This was a traditional precaution in cases of madness, P1. Resp. $331 \mathrm{C}_{\mathrm{i}}$ Cnemon abstracts the sword of the grief-stricken Theagenes, Heliod. 2.3.4. All the more incumbent if Eubiotos was her father, and the obverse of the famous scene in which the younger Cato's son tried to prevent his father's suicide by removing his dagger (Plu. Cat. Min. 68.2). It has been objected that in PSI 981 Calligone addresses Eubiotos as \#ávruv àvӨpérmù «áкicré and threatens to strangle him if he stands in her way: not proper language from a daughter to a father. But need we expect a suicidal virago to mind her manners?
R. J. PARSONS

The rop of a column: upper margin 2.5 cm , leff-hand and right-hand margins of 1.5 cm . The break on the right is sharp and even: it seems that the papyrus broke along a kollesis, and in fact remains of the overlap can be seen on the back, which is blank of writing. The copyist writes a sloping informal hand. at always in ligature; $\eta$ with the first upright and cross-bar in a single movement, so that the cross-bar slopes upwards; o small and high. There are no lectional signs, except diaeresis on initial upsilon (3) and perhaps apostrophe separating double consonants (6). Elision unmarked I, scriptio plena 3; iota adscript omitted throughout. In 1 ou has been marked for delction with dors above.

This sort of script has a parallel in the Favorinus, GLH $18 b-c$, which was copied later than c. AD 215 ( 5355 introd.), but the rype continues into the earlier fourth century, zs in P. Bodm. IV (Menander), see GBEBP sb, and the documentary hand of ad 338, ibid. sa (P. Vind. Siijp. 1).

The narrative focuses on Eusyene, a name ocherwise unattested in ancient sources. She is a lady of rank; like Leucippe in Achilles Tatius (2.19.2, 2.31.2) and Arsace in Heliodorus (7.9.4) she is attended by several handmaidens. She comes to a spring, alone with two attendans. A group of rwenty men take her prisoner, and perhaps ride away with her. There is no indication of time or place, bur the Persian name in 2, if correctly recognised, would suggest that we are dealing with an oriental romance. Attic $\tau \tau$ probable in 6.

I have been able to use a transcript of the firse lines by Dr J. R. Rea; and the whole edition owes much to close scrutiny by Dr D. Colomo and Dr W. B. Henry.

|  |  |
| :---: | :---: |
|  |  |
|  | $\eta \kappa \epsilon v \epsilon \pi t \ldots v \pi \ldots$ |
|  |  |
| 5 |  |
|  |  |
|  |  |
|  | ]xонєvot.[ c. 16 ], 阝оидทеаитотеп. о¢ |
|  | \|. өалацпто入... |
| 10 | ]єсатєктєเขаข |
|  | ]. $a \theta \in \mu \in \nu$, $\tau \tau \eta \nu$ |
|  |  |
|  | . . . . $\mu \in \nu$. . атtv $\omega \nu$ ]. екдضршитє [ |
| 15 | ].pot. $\delta \in$ ¢то. \| |
|  | \|....tocava[ |
|  | $] \omega<\epsilon \gamma \nu \omega$ [ |
|  | ]...\%. |
|  | ].[ |

 ink at rop-level; long horizontal at mid-height ou deleted with heavy dots above 2 ]., short diagonal sloping down at mid-height, at left perhaps remains of small loop ( $a$ ?) $\nu_{\text {, , , top horizontal as of } \pi, ~}$; horizontal trace at mid-height, then part of oblique rising sharply from left to right ( $\omega$ rather than $\omega t$, to judge from the space) $\quad 3 \pi t$, , remains of horizontal in upper part of writing space, perhaps joining upright now lost ( $\pi$, or $\tau$ joining next letter?), then traces in upper part of writing space $\pi$. . , lower elements of $\eta$ ?; foot of diagonal rising from left to right; two uncertain traces at line-level .[..]. ser comm. $\quad 4$ l. . . . . , third, top and cross-bar of $\varepsilon$; sixth, lower loop and righrward extension of $a^{2} \quad s$, , trace at mid-height joining upright ( $\eta$ ?) ]..., angular loop ( $a$ ? uncxplained ink above the line probably the top loop, but the fibres need to be moved downwards); perhaps shallow $\mu$, like that in $6 \theta \mu o v ;$ upright and furcher on point of ink on line $\quad \eta \eta$, horizontal at line-level, damage and hole above 6]. Tova. . , see comm. 7], ink (tip of horizontal?) at mid-height ...[]. ., see comm. 8 . , upright $\quad$, trace at mid-height, just on the broken edge $\pi$, upper part of upright 9]. . tight loop at line-level (a?); convex trace at top level and concave at line-level $\lambda$. . . sighthand arc of small circle above top level; short diagonal rising from left to tight at top level, more ink to right; upright hooked rightwards at base (e?) II ], trace at line-level and another, slightly to the right, at top-level $\mu e v$, two specks, one above the other, at mid-height on right-hand edge of hole 12]. $s, 5 \mathrm{mall}$ top arc as of $0, \rho \quad t_{0}$, , upright and cross-piece ( $r$ or left-hand part of $\pi$ ); upper anc




above the level of the cross-piece $\boldsymbol{\nu}$. . . first, diagonal ascending from left to right; second, shan diagonal ascending from left to right, in upper part of writing space; third, speck in lower part of writing space, then upright $\quad \nu . .$, first, diagonal ascending from left to right second, remains of $\omega$ corrected into $\epsilon$ or $\mathbf{c}$ or vice versa?; third, speck at line-level 13] . . . . on narrow projecting strip of fibre: first, short, nearly horizontal trace above mid-heighti second, top of triangle ( $a, \lambda$ ); third, high races in $v$-shape; fourth, small traces in roughly horizontal alignment, above mid-height; fifth, top of upright $\nu_{.}$. upper part of triangle; upper part of upright id]., top of uptight reaching above letter-tops is ]. top and back of c? !. , leff-hand arc of oval (unless this combined with to give p); lef-hand arc of oval ra. . [, foot of upright or oblique; foot of upright hooked rightwards at base 16].. second and third perhaps top of $\mu$ and oblique back of a 18 ] . ., second upper part of small oval (o?); third perhaps back and down-sloping top of $c$ (unless $v$, the second upright combined with e following on impacted surface) e. , foot of upright or oblique, curving ink cross the top; top of upright reaching above the line is] .[. top of upright hooked sharply to the left, above the line (?.)
-... the urgent ... he got up and went off and left. And not long after Euryene too, leaving | laces talking to his (her) father, came to the spring. Here water was coming out, [copious] and clear. And she was contemplating the waters, standing there with two others, attendants lof hers), and very [charming was the view?]. But running up to her ... twenty in number ... kept her under strict guard. [For?] they were watching Eusyene ..., waiting for an opportunity ...'


eGavescty JRR
 proper name would require the article.
|ov| $\mu \epsilon \tau^{\prime}$ ov nodé: WBH suggests that the copyist began writing the common equivalent phrase ou $\mu$ ктà $\pi$ odvi, and then corrected himself. For the phrase cf. Jos. Ap. 1.243 ( $=$ Man. BNJ 609 F 101) каi $\mu e \tau^{\prime}$ où nodù $\mathfrak{\eta} k$ ov eic Aüapay.

2 Euicurim: again in 7 . I have not found the name elsewhere in Greek or in Latin. Cf. perhaps the toponym Cupiv.
 Mazaces, the Persian satrap who surrendered Egypt to Alexander, Arr. Anab. 3.1.2). 'Arsaces' might refer to more than one historical or quasi-historical figure, or to a suitable oriental fiction, compare the Persian princess Arsace in Heliod. Aithliopika; lamblichus, the author of the Babyloniaka, described himself as living under Sohaemus, King of Armenia. 'Achaemenid and Arsacid'.


¿ $\xi$ yna ' 'Howed out' of the ground? or overflowed from a pool or reservoir?
$\pi \mid 0, \mathrm{~d}] \dot{\nu}, \pi$ represented by the first upright and the lefi-hand end of the cross-bar, $u$ by the tips of the



[ri]ver WBH.

For the scene d. Sesonchosis, XLVII 3319 iii 7-12 (p. 262 Stephens-Winkler) кai тo $\{\tau \epsilon\}$



«ai лávu | might (t) continue this sentence or (2) begin the new sentence implied by прок $\delta \rho a \mu$ оv-, Much then depends on the interpretation of $\mid \eta$. e $a$, where $\eta$ might perhaps be read as $\psi \kappa$, and all that remains of the second letter is a trace at line-level, apparenty sloping down from left to right. (2) would suggest e.g. кai đávu [raxíwe ....]. éa, but I can think of no suitable reconstruction. Under (I) we
 Cf. Athen. Eptr. 2.2 P. 92 Peppink (Gelo of Syracuse constructed a lake full of fish and visited by swans)
 space would exclude e.g. $\delta$ vío кєiкóc(i).
 mar rather suggests oi к|. e.g. oi $K$ [ódxol, or oi + genitive, if their commander was named. If we restore
 would just fit.
 with the lecter tops; second apparently $r$, but the top higher than and overlapping the 7 following, as if inserted later. After $a$, ink at top level; then convex ink at mid-height and below the line the foot of a long oblique descender (togecher, $\rho$ ?). ef, or $\epsilon$, since there may be more ink at the end of the cross-bar;
 $\dot{\alpha}$ креє $\beta \omega \bar{\epsilon}$, perhaps with an apostrophe writen in $\tau^{\prime} \tau:$ the same phrase Ach. Tat. 28.1.

7 init. кai $\boldsymbol{\eta} \boldsymbol{\eta} \varphi$ ?
Towards the line-end, probably a verb-form: it injpouv (iner]jpoov, naperThpouv) would fit the
 would depend on (-) $\delta e]$ xómevor in the nexs line.
«aipoiv ... []. .|l, the last word(s) may continue into the next line, where about two leter-spaces

 $\pi \epsilon \rho$, except that $\pi$ would be rather natrow.

8 .[. upright. ], no more than a hint of ink on the edge; in the contert enji, Boudīe seems like-
 трок|[фие́статос?

9ff. The general sense may be: 'They seized and killed the attendants, and mounting Euyene on a horse (camel) they rode off through ...?
${ }_{10}$ E.g. áprácavr]єc, cudAaßóvt]ce?
II ], ate $\mu$ évot. The initial traces suggest the top and foot of an upright, which would suite e.g ajpaor $\delta\}!a-$. $\delta$ a $\theta$ ei $\mu$ evor gees used of soldiers dividing spoil among themselves, and that might be relerant


12]. IV. . . the first trace $p$ or possibly 0 ; the last pethaps \&
. Tpa . . . , the first z or (if the surface is narrowed by a small averlap) $m$; then an upper are which
 to or from $\omega$ or $\omega y$.

 or of the terrain (e.g. ve \|[каii $\xi \eta \rho \omega \bar{\nu})$ ?

18 Perhaps ] ocee.

5357．Greeting the Biologol
$405 B .109 / \mathrm{G}(2-4) \mathrm{b} \quad$ fr． $112.7 \times 12.9 \mathrm{~cm}$ Fourth century？
Plate XX
One side of this piece carries two lines of writing along the fibres，apparently incomplete on the left；I can make nothing of the content．Turn it over from right to left，and rotate it anticlockwise through 90 degrees，and you find a text inscribed in a circle which is in turn bor－ dered by loops and sketchy branches touching，at lower left，a decorated rectangle．The main fragment breaks off to the right，but parts of the decoration survive on three smaller fragments． Another，larger，fragment，and five scraps，are blank and may nor belong．

The text is written in a crude semi－documentary hand，the letters mostly separate one from another．The basic forms suggest the fourth century，but adapted with the idea of imitat－ ing a formal public advertisement：notice especially $\epsilon$ and c sometimes formed as three sides of a rectangle．The writer organizes his words to fit the contours of the circle（with a false division of syllables in $1-2$ ）；$-t$ for $-\epsilon t-(7), \kappa \in$ for $\kappa \alpha, ~(3,4,5)$ ．

This was perhaps a design for a placard，which served to welcome a troupe of biologoi headed by Eurhymas and Sambatios，and also the audience that watched them．VII 1025 （late third century）engages a biologos and a homeristes to perform at a festival．Otherwise biologoi， a subclass of mime performers，do not appear in the documents from Egypt，though attested outside in a scatter of inscriptions of $11-\mathrm{rV}$ ad．See F．Perpillou－Thomas，ZPE 108 （1995）230， who cites L．Robert，Op．Min．Sel．i $672-4$ ；see furcher LXXVI $5093 \mathrm{fr} .1+2 \rightarrow \mathrm{iv} 28$ with n． For mime in general，see LXXIX 5187－9 introd．，p． 14.

The format，palm leaves setting off an inscribed tondo，has a much grander analogue in the inscribed shield published here as 5401；the rectangle below perhaps represents a plinth or altar．For a detailed description by Dr Helen Whitehousc，see the Appendix．

```
                єUTUX
                \(\omega с т о \mathbf{с т є р ь ~}\)
        єขӨขцаขкєстац
        Batıvкелоtтоוс
; \(\beta_{\text {!одоуоьккєтаея }}\)
```



```
таıе Sievtuxi
тета⿱亠䒑ec
```



＇Good luck to those with Euthymas and Sambatis and the rest of the mime－artists and all the nice spectators！Stay lucky，all of you！＇

1-2 $\epsilon \dot{u} \tau u \chi \bar{\omega}$ e with dative. This form of acclamation surfaces in notes of public meetings, XLVII 3340 is (AD 201/2?) and I 41 passim (III-IV AD), and similarly on O. Mich. I 66; also e.g. in LXVII 4670 (birchday greetings (?), IV AD), in the ironic final greting of the schoolbook P. Bour. 1 (Cribiore, Writing. Teachers, and Students no. 393, IV AD), and on an ostricon that perhaps accompanied a wedding present, O. Ashm. Shelt. 196 ( v -vi AD).

3 Eviovuâv: this name, and Eut0vuoc, seem not to occur elsewhere in the papyni; ousside Egyp the latter is common, and Evi $\theta \nu \mu \hat{a}$ c appears once ( $L G P N I I I . A$ ). It may be workh noting that both the antiss in VII 1025 are named in the hypocoristie form.

4-S Capßatıv, L. - Rátiov: the same name O. Trim. I 41 and LXXII 4913. and many examples of

s-6 $\pi$ äcı тоí кa才oí $\theta$ eataic. The welcome extends to the audience. One could guess that this notiec was exhibited in the theare at the beginning of the performance, for the benefit of the paying public as well as the artistes.

P.J. PARSONS

## Appendix: format and decoration

The largest fragment $(\mathrm{t}$ ) has drawing in black ink along the fibres, in wwo different thicknesses of line: a roughly sketched circle, incomplete at the right, enclosing eight lines of Greek inscription; extending diagonally from it at the lower left, a long stem or branch from which project short diagonal lines, suggestive of a palm branch. This extends for 71 mm , with two short sections lost in lacunae towards the top, but it appears to be complete, albeit obscured by a dark deposit at the upper end. A similar branch, with the short diagonals springing from a more meandering stem, crosses the first 34 mm up; it ends 49 mm up from this point, but is almost totally lost in a large lacuna just below the crossing-point. A few diagonal strokes below this suggest that it continued with the foliage in the same upward direction, so that when it was complete, the two branches formed a large X , in each quarter of which is drawn, in heavier lines, a shorter palm-like branch with denser foliage and rwo or three fruiss at the base, each branch pointing outwards from its quarter. The lowest of them touches the upper left cornes of a rectangle, also drawn in heavier lines, containing a linear image of diagonals ertending from a trunk, like a schematic shrub, with a line forming a triangle in each corner. Apart from the branch that touches it, the rectangular item (a plinth or altar?) and the palm motif are independent of each other. This is likely to have been a symmerrical composition, with similar features on the other side of the circle, parts of which appear in frr. 2 and 3.

Above the circle, and drawn in similarly thinner lines, are two incomplere ares, the curve of that on the right corrected from an earlier version and joining a suraght upright line at the right; a remnant of ink further right, on the broken edge, may indicate that there were further details in the lost area. The curving shapes resemble the ends of loops or rounded petals. Further left, after a blank area, there is a straight upright line, and to the left, after a gap in the papyrus, is a linear zig-zag in thinner lines, with some dark blobs at the broken right edge. These incomplete sketches might belong to a completely different design at a larger seale than that below.


Suggested symmetrical reconstruction of the decorated inscription (frr. 1-3)
Fr. 2, in thicker lines, part of a right-angled feature-a decorated rectangle similar to that at the left?-from which extends a branch with foliage pointing upwards, drawn in thinner lines; this could be che lower end of one of a pair of palm branches in a design similar to chat at the right, meeting the outer right-hand corner of the rectangular feature. There is a sheet join 35 mm across from the leff side of the fragment.

Fr. 3 part of a stubbier branch, drawn in thicker lines, wich some dots to one side, and fragments of two lines on the broken edge beyond; at the orher side of the branch some of the surface of the recto has been lost, and the fragment ends in a straight edge (perhaps broken at the sheet join?). This resembles che shorter branches in the design at the left, but the angle at which it is shown does not correspond to a likely placing in che design, if the straight edge is to be located at the right.

Fr. 4, a fragment of geometric design drawn with black ink in thin, even lines, the straight ones ruled and the circles precise, one with a double ourline. These features could be complered as a poised square within a square, with circles filling the outer space and bounded by the remnants of a straight line touching their circumferences, reminiscent of the complex designs of 'interlace' ornament, as seen from che chird century AD on in woven textiles, and also woodwork and painting (A. Schmidt-Colinet, in A. Sauffer, Textiles d'Egypte de la collection

Bouvier (1991) 21-34). The colour and surface of the verso correspond to some areas of the verso on the other fragments, and it is possible that it belonged to che same sheet as the others, but was part of a more fully-worked design.

The circular format adopted for the inscription in chis drawing recalls that of the honorific portrait-bust on a shield, as described by Pliny ( $\mathrm{NH} 35-3-4$; R. Winkes, Clipeata imago: Studien $2 \boldsymbol{u}$ einer römischen Bildnisform (1969)), and the related genre of painted portrits in tondo form, famously exemplified for Roman Egypt by the painting of Septimius Severus and his family, now in Berlin (most recently discussed and illustrated in derail by T. F. Machews with N. E. Muller, The Dawn of Christian Art in Panel Paintings and Icons (2016) 10-81, 74-83). More specifically in relation to this draft inscription, the shield could also be the carrier of an honorific inscription, familiar in the Roman world in che image of Victory recording imperial success in warfare or lengthy rule on a shield, as seen in monumental relief sculprures bur also the reverse types of many coin issues. Amongst these is the coinage related to the imperial anniversaries and renewal of vows, the reverses of which might also carry the simpler design of an inscription within a triumphal wreath, as seen on the fragment of painced leather from a shield published elsewhere in this volume (5401). The wreath was in itself one of the common devices for framing a circular inscription.

As a standard inscriptional format the tondo was also employed in the private sphere, particularly on sarcophagi, and like che tabula ansata, it was somecimes adopted for the lengthy dedicatory inscriptions included in che mosaic pavements of Christian churches, an early esample being the addition of an inscription in this format to the aquatic landscape pavement in the South Church at Aquileia in the first quarter of the fourth century AD (B. Kiilerich, 'Visual and Functional Aspects of Inscriptions in Early Church Floors', AAAH 24, n.s. to (2011) 47-9). The Aquileia example was an afterthought, but normally the nature of the pavement's design required some degree of organized ornamentation, frequently of a symmetrical kind (see, for instance, the circular inscription flanked by animals and pomegranate trees in the pavement of the church of Bishop Sergius at Umm el-Rasas, AD 587 (M. Piccirillo, The Mesaics of Jordan (1993) 206 fig. 331, 234-5)).

The draughtsman of the papyrus apparently had some kind of balanced decorative scheme like this in mind for the inscription. A single palm branch in the hand of a victorious athlete or charioteer, an Isiac devotee, or a Christian martys, is a familiar image in many different media, and palm branches may also be associated with inscriptions carrying good luck messages or congratulations, a connection attested in a number of graffici. One of a group of graffiti of the first century $\mathbf{B C}$, including several depicting boats, found on a house wall in the Skardhana quarter of Delos, is inscribed within and pardly over an arc, perhaps an incomplece circle or the suggestion of one, flanked by palm branches; the larger one at the right is possibly being held by a schematically-drawn female (?) figure (R. Bruneau, BCH 89 ( $\mathbf{1 9 6 5}$ ) 984 , 986 fig. 12; M. Langner, Antike Graffitizeichnungen: Motive, Gestalung und Bedeurung (2001) 3t, fig. 6 c , illustrated but not further discussed). The text celebrates some individual as kulóc raya ${ }^{\text {atóc, } A}$ group of unusual graffiti of AD 275-6 inscribed in the vicinity of the agora of Perge in Pamphylia, in celebration of the agon that was one of the privileges of the newly-creared metropolis,
show the bulbous prize crown awarded to victorious competitors, here carrying inscriptions (Langner, op. cit. 134, pls. 75 nos. 1178-9, 76 nos. I198-9; S. §ahin, Die Inschrifien von Perge ii (1K LXI; 2004) $58-60$; for the form of the crown, see K. M. D. Dunbabin, JRA 28 (2015) 197-8, with earlier references). Supported by one or two soaring winged Victories and drawn in almost spherical form, these echo the compositional device of the imago clipenta borne aloft by a Victory; on one of them, two little palm branches wave from the top, and another pair flank one of the lines of inscription. In their more decorative deployment, the palm branches on the papyrus presumably still carried their symbolic association with success, in line with the content of the inscription, but the composition itself seems to draw on types of ornament familiar in a wide range of applied art in Roman Egypt. Crossed palm branches were apparently a design used in metalwork from the Prolemaic period on, as suggested by their appearance amongst the various cypes of bars or grilles fitted in the upper sections of the doors painted on the slabs sealing the loculi of Alexandrian tombs (A. Adriani, Repertorio d'arre dell'Egitro greco-romano, Seric C I-II (1963), 116 fig. J.1; J.-Y. Empereur and M.-D. Nenna (edd.), Necropolis I (IFAO Etudes Alexandrines 5 ; 200:) $185-6,197$, col. pl. on 205). The motif may have retained some particular connotation within the increasing adoption of Graeco-Roman funerary imagery in Egypt: a pair of crossed palm branches was painted on the side of a tomb in the Hawara cemetery (W. M. F. Petric, Hawara, Biahmu, and Arsinoe (1889) ur, pl. xvii.3). This was not an exclusively funerary motif, however: it seems to underlic the depiction of cross-bars in schematic palm form to quarter the panels seen in Romano-Egyptian wall-painting schemes which divide the main and/or lower zones of the wall into panels, with varying amounts of internal decoration (see, for example, C. A. Hope and H. Whitchouse, JRA 19 (2006) 320, 324 col. pl. 4, scheme in the dado).

The palm ornament as drawn on the papyrus also evokes the kind of lattice pattern in which the lozenges or squares formed by the crossing lines contain a single motif such as a flower, sprig of greenery, or bird, and the lines themselves may be of vegetal form: a popular repeat patern in wall-paintings (and also rextiles), it is seen on one of the soffis in the Tigrane Tomb, Alexandria, with an open rose in each lozenge and framing lines not unlike the palm cross-bars mentioned above (M. S. Venit, AJA 101 (1997), 717-88 fig. 20; tomb dating to the later first or second century AD). The depiction of the shorter interstitial branches in thicker lines on the papyrus drawing might be intended to denote a different type of vegetation to the date-palm (the clustered fruit at the end of the branch is depicted differently on each surviving example), or simply used for variety. Overall, the design for the inscription suggests an idea sketched from various ornamental possibilities known to the draughtsman, with the circular format, more associated with formal and honorific or commemorative use, chosen with some thumour, perhaps, to carry greeting to chese performers. Given the range of its content, the fragmentary papyrus may well have come from a workshop producing designs for a variery of purposes.

Thind cenrurg?
Place XII

This item, seen from the 'verso', presents like a double page from a miniature book; the other side is blank. To the left, a blank 'page' 4.5 cm wide, the left-hand edge a clean ventical cut; then a band of $c .1 \mathrm{~cm}$ where the vertical fibres are missing but the horizontal fibres of the other side remain for $c .1 .9 \mathrm{~cm}$ of the height; then a written 'page' c. 5.5 cm wide, visibly damaged at the right-hand edge. It is tempting to take the area of missing fibres as the hinge of a bifolium, the vertical fibres deliberately removed to make it less likely that the papyrus would rupture when folded. At the top and bottom of the presumed hinge the underfibres too are missing: at the top in a rectilinear notch, at the foot deeper and more irregular. If these are deliberate incisions, they may have served to house a string which held the codex together. On the other hand, as Dr Henry observes, this account leaves the leff-hand page natrower than the right-hand: he suggests that the missing fibres represent accidental damage, so that the original fold ran down the left-hand side of the right-hand page, both pages measuring 5.5 cm in width.

It scems that the original text ended with 4 madov, which is indented enough to be approximately cencred. That left a lower margin approximately equal to the upper margin. The rest was then added, with the last line squeezed in at the foot, probably by the same hand but writing smaller and more carelessly; even then the initial $\rho \mathrm{p}$ of $;$ seems to have been added later. This suggests that the scribe began with the Miracle of Laocrates; then, as an afterthought, included the separate Miracle of the Goose.

The script is not stylish, but attempts formality. The letters are written separately; overall the scribe aims at a square/circular modulus; the feet of uprights carry serifs or half-serifs, straight or oblique. Alpha takes the angular shape in the first two examples, then becomes progressively more looped and cursive. The rwo arcs of omicron fail to join smoothly at the top, a typically amareur fearure. Amateur hands are difficult to date, especially on so small a sample and in a genre (book-titles) that sometimes adopts an archaic formality by way of decoration. Some aspects look early Roman, the plain round style represented e.g. by $G L H$ ıoc, ub, and 14. with a date perhaps in the first part of the second century (early for a coder). But the script of 111412 (Julius Africanus, Kestoi; GLH $23 a$ ) provides a close parallel, and that is objectively dated to the mid-third century.

Some words are spaced, and ornamental squiggles set off each line: such simple decomation occurs widely in initial and final titles, see F. Schironi, TO MEГA BIB.IION (2010) 23-4, G. Del Mastro, Tisoli e annotazioni bibliografiche nei papiri greci di Enolano (2014) $18-20$.

The text is plainly a titie, and part of a miniature codex. In principle, the writen page might be the first of the bifolium, or the third, depending on the fold. In either case we need to explain why the other three pages are blank. It seems most likely that we have the firt page; then the text will have begun on the first right hand-page of the next bifolium, and fnished before it reached the third page of this initial bifolium. Such a tiny book might simply be convenient to cransport: for the variery of texts found in miniature codices see Typology 22
(papyrus) and 30 (parchment), and more recently c.g. T. J. Kraus, Early Christianity 7 (2016) 134-152. Or again, given its pious content, it may have served as an amulet.

Here the obvious parallels come from Christian texts. Compare for example P. Ant. II 54 (Paternoster), assigned to the third century, a double leaf of papyrus (each page $2.6 \times 4 \mathrm{~cm}$ ) with notches at top and foot of fold; originally at least one more double lea? Or XXXIV 2684 (Epistle of Jude), another miniature bifolium, though without notches. The Church Fathers, in explaining Jewish фuдaкти́paa, refer to a current practice by which women and small children wear Gospels round their neck (Chrys. Stat. 19.4, PG 49.196; Hom. in Mt. 72.2, PG 58.669), specifically єúaryédıa $\mu \iota \kappa \rho \dot{\alpha}$ (Isid. Pel. Epp. 2.150, PG 78.604BC), and it seems to me perverse to regard miniature codices and amulets as mutually exclusive groups: see most recently B. C. Jones, New Testament Texts on Greek Amulets from Late Antiquity (2016) 117-122. How were such amulets worn? A naked text would be liable to daily wear and tear. More likely the holy word was fitted into an amulet case. For a study of such cases Dr Henry refers to P. W. Schienerl, AW 15.4 (1984) 45-54; examples are illustrated in S. Walker and M. Bierbrier, Ancient Faces: Mummy Portraits from Roman Egypt (1997) 173-4 (nos. 215-16).

How would 5358 have fitted a case, especially one of the common cylindrical variery? Dr Henry writes: 'Apparently the bifolium, already folded in half at the central fold to give two leaves each about 5.5 cm wide, was folded again in half vertically, with the text page ( $\mathrm{p} . \mathrm{r}$ ) on the outside; then the outer edge of the blank leaf (pp. 3-4) was tucked in and the bifolium was rolled up from left to right and squashed, producing a package about 0.9 cm wide (a sixth of che original page-width) with the right-hand edge of the text page (p. I) on the outside; finally the whole was rolled up again, giving a cylinder with a circumference of about 0.9 cm (so a diameter of abour 0.3 cm ), with the rightmost panel of $p$. I on the outside and the rightmost panel of p. 4 one layer further down. The outer layer would be damaged whenever the amulet was placed in or removed from its (presumably tightly-fitting) case. So the outermost panel (corresponding to the right-hand edge of the text page, p. i) is largely lost and che next one down (corresponding to the inner edge of p. 4) is badly damaged at the extremities. This explanation accounts for the observable facts: (I) vertical folds at about 0.9 cm intervals on the text page have caused damage (cracks in the writing surface, revealing the horizontal fibres below, and notches at the upper and especially lower edges), particularly evident in the right-hand half of the text page; (2) the rightmost panel of the text page is largely lost, and the rightmost panel of the page adjoining it is badly damaged on the side with vertical fibres.'

Our text does not state which god performed the miracles described, and whether the goose figured as agent or as object. In the pagan world, certainly, sacred geese were to be found in Egypt, specifically the $\chi \eta \nu a \lambda \omega$ 向 $\eta \xi$, sacred to the Nile (Hdt. 2.72, Acl. NA 10.16), Amun, and other deities. But there were ípoi $\chi \bar{\eta} v e c$ elsewhere: at Rome, naturally (D. H. AR13.7; Plu. Fort. Rom. 12 ( 325 C )), or in the temple of Isis at Smyrna, where Aelius Aristides encountered them ('Iepoì גóroı 3.49, ii 425 Keil); a goose could be sacrificed to Priapus (Petr. Sat. 136.4) or to Isis (Paus. 10.32.16; Acl. Arist. I.c. 3.45, ii 424 K; Ov. Fast. 1.454; Juv. 6.540). Dr Dorothy Thompson notes the interesting history of a gouty pilgrim at Epidaurus in the fourth century

 178-89. Geese-miracles do figure also in Christian legend (ibid. 187-8), and that might explain why no particular deity is mentioned in this text. But the examples are all much later and far away; more likely, as Dr Henry suggests, that this copyist excerpred his miracles from a larger collection that named the sesponsible god only at the beginning of the whole corpus.

'The miracle regarding Laocrates called Hippalus, and the one regarding the ... goose.'
It is clear that nothing is lost berween line 3 and line 4 . In both 1 and 2 one could think of supplying róv in the final lacuna, but that would destroy the centred symmery. The faine traces at the end of $t$, mostly at the level of the suprascript ornament, are probably accidental.

I ápє $\mathfrak{r j}$. For the meaning 'miracle' performed by a god, see XI 1382 (IDAB 4909), with end-tite

 BDAG s.v. 2.

2 Ааокрáтŋр. I have found this form of the name only in a Eubocan inscription of the fift cen-

 Aaкрáтдк in I. Th. Sy. 38.2 (Hellenistic), Aewкрairyc in I. Sys 1977.1. No doubt it is smple coincidence that the philosopher Lakydes owned a devoted per goose (Ael. VH7-41, Plin. NH 1o.jp). "/rialoc, on the other hand, is attested quite commonly in Egypt, rarely ourside.

3 е́ $\pi \kappa \kappa \lambda \eta \theta$ évra. This aorist participle occurs commonly in literature to incroduce a secondary name
 what this tells us about the geographical context of this miracle, or about the social context of the epiklesis.
$s$ rov a . . [. The final ink might represent ( 1 ) $\nu$, the first upright short and the second tall and heayy, as in nu preceding; or possibly ( 2 ) a short $\gamma$, the top sloping down, and then a tall upright. To the right c. 2 letters would be lost, if this line was approximately centred. Under (1) I an think of no plausible supplement, unless a proper name like $A y[i o u$. Under (2) we could consider äy[ $[0$, but elsewhere iepóc is the epithet that describes 'sacred' geese, cf. D. H. AR 13.7, Plu. Fort. Rom. 12 (323C); or ayplior', the normal term for wild geese (e.g. Long. 2.12.4), but if the upright trace represens tho, we might expect to see remains of the loop.

## 5359. Wruting Exercise

$324 B .90 / E(3-4)_{2}$
$6.8 \times 15.8 \mathrm{~cm}$ (left fr.) $12.4 \times 15.1 \mathrm{~cm}$ (right fr.)
Second century? Plate X
The front of this piece has remains of two columns from an account or register, written in a small practised cursive along the fibres and at right angles to a kollesis: each entry gives the full name of an individual (name, father, grandfather, mother), which suggests an official document. At right angles to this, and mainly in the intercolumnium, a thick coarse pen has writen $\phi$ several times. There is further rext in the intercolumnium: to the left, $\beta, \beta$, and to the right ${ }_{.} \psi[] \beta \omega$, the psi with a double vertical. Above, and upside down in relation to it, we have ] $\epsilon v \| \psi \chi_{X}$ (for exं $\psi u_{X \in e}$ ?), written in a 'Roman Uncial' hand resembling that of lines $7-8$ on the back, the letters of the firse line being much larger than those of the second. The cursive could be assigned to the second century.

The back, which must be the original verso, contains further writing practice and doodles, crowded together and sometimes overlapping, again written along the fibres, parallel to the longer dimension. The supplement in line 9 gives the distance between the fragments (about 0.8 cm ). We seem to have the original margin to left and right, which would imply that the piece was cut out of the original roll, since the lower margin of the register (corresponding to the left-hand margin of the verso) is certainly missing; the top is broken, the foot has a blank of one or two lines which may be the lower margin.

The main elements are:
(1) ${ }^{3}, I L .2 .1$ in a small neat informal hand; epsilon once in the cursive form.
(2) S, probably II. 2.2-3 in a small delicate serifed hand of the same type as XV 1809 (Plato, GMAW ${ }^{2}$ 19). Il. 2.1 appears among other Homeric tags in the exercise PSI XII 1293 (b); 2.1-2, copied in an amateurish literary script, appear in the margin of the private letter P. Flor. II 259 (sec GLH $22 d$ ).
(3) 7-8, complete alphabet, large letters in a primitive (or clumsy) form of 'Roman Uncial'; che same script, but more careless, is used for the ends of 12-13.
(4) 9, IL 1.10 (first part only) in a mannered, narrow seript which reduces epsilon and sigma to a width one quarter of their height, comparable e.g. with XXXIII 2663 (Plato) or XXXXIV 2683 + LXIV 4405 (Matthew). Some versions of this may be assigned to the first century ad (G. Cavallo, La scrirtura greca e latina dei papiri (2008) 74-5), but the more developed probably belong to the mid- or later second, see P. Dura p. 69, GMAW/2 pp. 22-3.
(s) $1_{5-17}$ (margin), a thick pen writes a snatch of lyric, informal hand with some ligatures.

Around and about these we find also strings of practice letters, many made with a thin pen. Thus to has a chain of formal pi's, then $i \pi \pi \pi$ (or perhaps $s \pi \pi o$ ) with cursive forms. $\phi$ and $\psi$ also are repeated; note the grand psi at the beginning of io, carefully drawn and inked (the left oblique thicker), with ornamental hooks, tall enough to intrude on the writing in line 9 .

The interest of this piece lies in the coexistence of at least four recognizable styles of script, most notably the round ('Roman Uncial') hand of $7-8$ and the narrow pointed style of 9. It cannor be proved that both samples were the work of one and the same scribe, though
the pen and ink used look similar (the ink less black in 9). But clearly they are contemporary one with the other, which illustrates the choices available to an ambitious copyist. For similar juxtapositions, see XXXI 2604 verso, LXVIII 4669 verso, and P. Köln IV 175, discussed in A. K. Bowman et al. (edd.), Oxyrbynches: A City and iss Texs (2007) 269-70. Add P. Giss. Lit. 4.9, where also a small neat round hand alternates with attempts at large letters of 'Roman Uncial' type.

The transcript below reproduces the main elements, but not the many strokes and pen-trials that surround them. I owe valuable suggestions to Dr W. B. Henry.


Upper leff, upwards along margin:
traces
(4)
[ ]xa!. . . . .parn[

Lower right, downwards along margin:

$$
\begin{aligned}
& \text { is } \quad \delta \varepsilon \nu \tau \varepsilon \mu \varepsilon \theta п \underline{\mu} \mu \mathrm{v} \text { [ }
\end{aligned}
$$

$$
\begin{aligned}
& \text { аıларе . }
\end{aligned}
$$

 oblique, alien to this hand and in any case too far left to represent the $a$ of allos.

4-6 scattered remains on several levels. 4, a deeper space, indudes a large 2 (i.e. a cursive $\zeta$ ?). 5, remains in a small delicate hand, then, close below, 6 , various remains including a large $\Phi$.

5]....rvxq.[ ]rí.|[. Above ŋ, perhaps remains of an acute accent, which would suggest a literary text. Elements here suit $11.2 .2-3$ (continuing from line 3 above) evidor navvix́xot, Dia $\delta^{\prime}$ oùk

 iracism; the space at the start would not accommodate [evoov]. scraws in a hand matching that of the 2 above.

9 Ih are voícor ává. Apparently no more was copied.
]. $1 H: \Phi][\Lambda H$ (or $\Psi]!\Lambda H$ ), and again in n$] ~] H$ (WBH)?
io $\Psi \Psi \mid$ : of $\Psi[$, a low verical crace and ink suggesting a descending oblique above and to the leff.
$\Pi \Pi \Pi \Pi$ : the third contains a sinuous rising and falling stroke which effectively doubles the two uprights; the fourth contains a second $\pi$, shorter and narrower, the ensemble suggesting a pylon.
${ }_{13}$ At first sight, तepynceew, before it perhaps traces of one or wwo letters. I do not see how to interpret this sequence: taken together, the leters belong to no known noun or proper name. $\pi є \rho \mu \eta$ ךеш (compare the Hesiodic echoes in $15-17$ ) cannot be read.
 vate letrers and inscriptional dedications. WBH suggests that the sequence was completed with inpea|c to the leff, though that may belong instead (or in addition) with $u \pi$ above in (giving $\nu \pi|\epsilon \rho<\omega u||\tau \eta \rho+a| c\left(c^{?}\right)$; the tau of Tnp!! $[$ is similarly asymmetrical, with the cross-bar projecting only very slightly to the leff of the upright, but the leters are less carefully formed than those of the assumed $\pi$ пepqnece to the right.
 milizary man from Athenian history.

15-17 Along the right-hand margin, thick blorchy ink. At the left, a long, more or less vertical, stroke, deceending from the edge to just below line 16, where it ends with a lefruard hook. The lines themselves apparently invoke a female group. perhaps goddesses. Not enough survives to confirm the



 --pocкuvícaze: therc, as perhaps here, in a context of religious ceremony. If we assume that the edge is the original lower edge, these words make a complete line, and it is tempting to connect the imperative with the feminine nominative/vocative that follows.



17 aurape . , ending in mid-line. Afiet $\epsilon$, left-hand foot and apex of a triangular letter, then foot of upright. In this context one possibility might be ai (aii) $\pi a^{p}$ ' $E \lambda_{t}(\kappa \omega \hat{\omega} v-\rangle$, addressed to the Muses:

 ( 127 and 128 V .), a singular Muse in Stesichorus $90.8-9$ F. (sec the commentary of Davies \& Finglass for further parallels). bilares ... Musae Mart. 7.8.r; WBH notes idapai of the Graces, Meleager AP 7.419 .4 , Strato AP 12.2.5.

## P. J. PARSONS

## III. DOCUMENTARY TEXTS

5360. Lease of Land (Incorporating VIII 1124)

| $383 \mathrm{~B} .86 / \mathrm{O}(1-3) c(1)$ | $\mathrm{A}_{14.2 \times 8.6 \mathrm{~cm}}$ | 27 October 26 |
| :--- | :---: | ---: |
| Cambridge UL Add. MS 5897 | $\mathrm{~B}_{13} \times 16 \mathrm{~cm}$ | Plate V (A) |

The new fragment, A, contains the first eight lines of a lease of land. Its size, folds, hand, and content show that it is the top of the contract whose main part was published as VIII 1124. The new fragment adds the name of the lessee, duration of the lease, and details of the land, crop, and rent. 1124, for which the BL lists no corrections, is re-published here as B, with one major correction (B14-15), some minor improvements, and some new comments. Koenig prepared a preliminary edition which Rathbone has reworked with the benefit of conservation and new readings by Drs Colomo and Meccariello.

The rext is written along the fibres. There is a kollesis $c .2 .5 \mathrm{~cm}$ from the right edge. Offsets on both sides of the sheet and damage along vertical fold-lines show that the left-hand edge was folded over for protection and the whole was then rolled up from right to left and squashed giving six panels. There is also a series of horizontal cracks running across, indicating that the papyrus was finally rolled up paralle! to the longer side and squashed to form a packet measuring $c .2 .5 \times 4 \mathrm{~cm}$.

This one-year lease of land to be planted with a fodder crop for a low fixed rent in whear, payable in Payni (June), is rypical of Oxyrhynchite lease arrangements of the first century ad as analysed by J. Rowlandson, Landowners and Tenants in Roman Egypt (1996) 236-42, 252-5, with list at 332-4. It contains all the sixteen formal elements outlined in P. Yale I 70 innrod. as standard in private lease contracts at Roman Oxyrhynchus except the optional non-irrigation clause; the list of cases is updated in XLIX 3489 introd., and that papyrus (AD 72) and XLIX 3488 (70) are useful models of the type. This contract also contained a substantial clause (A8-B2) probably detailing specific works to be done, which is another common element in Oxyrhynchite leases. However, the wording of this contract is offen much closer to that of SB XII 10942 of 4 BC than to that of later contracts, and the penalty clauses for non-planting and abandonment of the plot are only paralleled in that contract and P. Erl. 69, probably from Oxyrhynchus, which is to be dated afeer e. 100 BC because of the hand and the кupia n' corypaф $\eta$ clause and before 30 BC because the fine is to be paid to the royal treasury. These three texts thus represent the form of late Ptolemaic and early Roman leases of land at Oxyrhynchus which differs slightly from the later norm. Other unusual feacures of chis concract are the earliest known use of áтóтактov as a substantive ( $A 7-8 \mathrm{n}$.), and specification of the penalry in silver rather than bronze drachmas ( $\mathrm{B}_{14} \mathrm{n}$ ). .

A




 'laı ${ }^{\text {ºn }}$



B
]ova. [



















 $\phi_{a \omega \phi_{l}} \bar{\lambda}$.



'Dionysius son of Theon has leased to Pausirion son of Apollonius, Persian of the epiggne. for the present thirreenth year of Tiberius Caesar Augustus, from the lands belonging to him at the (hanler) ls trou, of the middle toparchy, in the Ano Isicion area, from the allotment of Pateon three amures, to plant these with chickling or hay at a fixed rent of three [artabas of wheat ... (fr. B) to the] south. The fired rent is free of all risk. If the lessee has to pay anything to the public creasury or for any other purpose an account of Dionysius or the land, he is to deduct it from the fixed rent. Dionysius and his agens are to own the crops until he receives the fixed rent. The lease being guaranteed, the lessee is to deliver the fixed rent to Dionysius in the month of Payni of the same year on the threshing-floors at the lsieion Tryphonos, in wheat that is new, pure, unadulterated, with no barley, by the four-choenix measure of Ammonius son of Ptolemaeus, or he is to pay him as the penalry price of cach arraba that he does not deliver [...] silver drachmas, and for each (aroura) that he does not plant double the rent, and for abandoning she cultivation, besides the aforesaid, an extra penalty of a hundred silver dra and the same sum so the public ureasury. And Dionysius shall have the right of execution upon the lessee and whomsoever he choose and on all his properties as if by a legal decision. The lease is valid. Year is of Tiberius Caesar Augurrus Phaophi 3o.'
(2nd hand) 'I, Dionysius son of Theon, have made the lease as aforesaid. Year is of Tiberius Carcar Auguscus, Phaophi 30.'

Al-z Neither party is yer atrested in orher documents of the period.
$A_{2}$ 'Persian of the epigone (descent)' has generally been taken to be a subordinate legal satus. developed in the late Prolemaic period, which was often assumed by the borrower in conerate of loan. It is now thought to have boen a privileged legal status, originally with a military function, in berween Egyptian and Macedonian (or Hellenic) starus, which was still claimed by paries to contracts of various rypes into the Roman period; see K. Vandorpe, APF 54 (2008) 87-108.

A4-6 For Ano Isieion ('Upper Isis-Temple') and epoikton (hamlet) Lerrou see RSON ${ }^{2}$ 114-15, $121-3$. adding the reference to Istrou at 5361 6. Cf. V1 907 (276), a will which includes (8) lands пepi to 7crpou
 the remple and village of Ano Isieion were at the souch end of che Lower toparchy; epoikon lstrou, of the Middle toparchy, was presumably on the border with the Lower, near the Upper Isis-Temple

A6 The allotment of Patron is not previously attested.
A7-8 For ámótakтov denoting a fixed 'all-in' ene in whear see Rowlandson, Landownem 2y. This is che earliest known use of the adjective as a substantive. The next cases are XXXVIII 2874 23 (108; but 13 has íкфо́pıov àтóтактаv) and SB XX 14338.5 (120).
$A_{7}$ The verb $\xi \cup \lambda_{a \mu \eta}{ }^{2}$ a (cf. Bis) is typical and distinctive of Oxyrhynchite lesses.
A8 Perhaps $\pi$ и poû (explicit in Br$)$ was omitred and dipraßêv writen in full. At 1 artaba per aroura the rene is half the usual rate. Rent is set at $1 / 4$ artaba of wheat per aroura under chickling (or bartey) in
 2351 (112), and XXXVI 2776 (119), and at $21 / 4$ artabas in 3489 (72).

A8-B2 The clause which spanned the missing lines and ended 'to the] south' (no other interpretation of vótor is possible) may have mentioned some extra payment (e.g. bread as in XLIX 3489 16-17), and almost cerrainly specified other works which the lessee was to carry out, maybe on land under fallow which perhaps lay to the south of the three arouras leased. For two examples see SB XII 10942.3-10 (4 BC) and XLIX 3488 27-35 (70).
$\mathrm{B}_{2-7}$ The three clauses about risk, taxes, and security are very similarly worded in SB10942.10-11, 15-21; the' are differently phrased in later contracts such as $348835-9$.

B7-14 The two clauses about payment and penalty price are similarly worded in SB 10942.22-8 and the earlier P. Erl. 69.2-个 (penalty price, with some oddities); later contracts such as 3488 39-5I continue to use this phrasing.

Bio-n For the Isieion Tryphonos ('Isis-Temple of Tryphon'), another temple and village of the Lower toparchy, see RSON 121-2.
$\mathrm{B}_{12}$ A few leases specify the measure to be used for payment, sometimes of a remple, sometimes of the landlord, the tenant, or another private person (e.g. 3489 32); cases are noted in Rowlandson. Landowners 331-45. Ammonius son of Ptolemacus, not identifiable in contemporary texts, was presumably 2 major landowner in the area.
$\mathrm{Br}_{4}$ The penalty price for late or non-payment in Oxyrhynchite leases of the late Peolemaic co early Roman period is normally expressed in bronze drachmas per artaba of wheas, notionally 450 to the silver drachma, as in P. Erl. 69 ( $6.100-\mathrm{jo} \mathrm{BC)}$,SB XII 10942 ( 4 BC ), XLVII 3352 (68), and XLIX 3488 (70), and also PSI X 1099 ( $6 / 5$ BC, a sale of wheat in advance); from the later first century AD on, starting with SB X 10532 ( $87 / 8$ ), it is normally $50 \%$ on top of the rent due.

B14-18 These two clauses about penalries for non-planting and abandonment are also found in P . Erl. 69.5-9 and SB 10942.28 -31, but not in any later Oxyrhynchite leases.
 posed that the lease concerned two pieces of land, one to be under fodder, with separate rents. The new reading (checked on the original) and interpretation bring the text into line with P. Erl. 69.5-7 éxácrךe

 of $\underset{\sim}{K}[a i]$ in 1124 is).

B15-16 The penalry for abandonment in P. Erl. 69.7-9 is twice soc silver dr., and that in SB $10942.29-31$ twice 200 dt .

B18-20 The execution and validity clauses are slightly different from those in P. Erl. 69.9-13, but very similar to those in SB ro942-31-3 and later coneracts such as 3488 si-end.
A. KOENIG / D. W. RATHBONE
5361. Official Letter and Petition

The papyrus is complete at the top and right, and there is a blank space $s \mathrm{~cm}$ deep at the foor below 28. However, the text is incomplete at the left, and the amount lost would appear to be considerable. To judge by the suggestions for 1 and 13 (which, admittedly, are by no means secure), there must have been some so letters lost on the left where the loss is at is greates This has made it impossible to supply any connected sense. 1-12 are part of an official letren, probably from the town council (of Oxyrhynchus), to more than one addressee (Aippdiouc, 1), in response to a pecition. 13-27 are a copy of this petition. 28 records the action taken by a


The text is of some interest and it is regretable that it survives in such a damaged sate. Peritions to a council are unusual. Apart from Pap. Agon. I, 4, and 9,1 have noted only five eramples, three of which are addressed to the council of Antinoopolis asking for che registration of a birth (in P. Amh. II 82, a petition to the prefect refers to an earlier petition to the boule of Arsinoc). In the fourth, XLVI 3286 ( $222 / 3$ ), from a peritioner seeking to avoid becom-
 évápxov ппрuтávє $\omega$, and the same is no doubt to be restored in the fifth, XII 1418 (247), where only èv]ápxov прutávecce survives (against the longer supplement in the ed. pr., cf. D. Hagedorn, ZPE 12 (1973) 286 n . 33). This last is the only text I have come across which is at all similar to 5361; unfortunately, it survives in a similarly fragmentary state. In 1418, only the perition is preserved, sent by a councillor of Oxyrhynchus asking for some relief in connection with the appointment of his son to the gymnasiarchy. It is not impossible that 5361 has simi-
 brother whose heir is the petitioner (16), and to a request for some relief (arvecir, 20). Worth comparing is XLVII 3365 (after 241), originally published as P. Coll. Youtie I 6 s: this is a copy
 to take action in response to a pecition sent to him asking that they record a sale made to the pectitioner, and detailing at great length the properry involved. Anocher document in which a prytanis gives instructions to the property registrars is XLIV 3188 (300). In my opinion, 5361 is also addressed to the property registrars (though this is not certain).

The document falls after the death of Caracalla (April 217) and after he was deifed ( $\theta$ eove. 17). The date can almost certainly be further narrowed down. 13 refers to an évapxoc mpúravic Aurelius Ammonius, and a prytanis with this name is known from Oxyrbynchus for the year 223; although the name is common, there is a very good chance that this is the same man and therefore that the present text dates from c.223.

The back is blank.

$$
\begin{aligned}
& \text { |. . עєшс Aúp } \begin{array}{l}
\text { díose }
\end{array}
\end{aligned}
$$

$$
\begin{aligned}
& \delta \rho o u
\end{aligned}
$$

$\lambda \omega \nu$
Date

］（yac．）


$\lambda$ дєшс
vóцои
$\lambda$ дши
vо́цоис
Ayt Avívou
$\xi \in \nu$
$\tau$－
$\mu \hat{e} v \omega \nu$

25




 ］．$\alpha \xi \iota \omega \ldots \tau \omega \nu T \eta \nu \nu a ้ v \in c \iota \nu$
 $\dot{v}] \pi \alpha \rho \chi о ́ v \tau \omega \nu$ каі т $\omega \nu$ ย́то $\beta \in \beta \lambda \eta$－ ］؟фр［．．．］．ac тои̂ ঠŋцосiov пирой 入óyov



1．．．．．］．склйpov（vac．）（a้роираı）$\beta$ 阝）．（vac．）
Date
 ］（vac．）

| 3 aiçar－ |  | 4， 21 l．cryxpquaticas | 4 vi | 6，17 к阝s | 71．$\dot{\nu} \mu \mathrm{i} v$ | iva | 11 euxa |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13，15 $\gamma$ us | 15 mo－ | － 16 l ．elpi | 181．$\tau \mu \overline{\%}$ |  | ＊кaí | 26，27 J |  |

＂The excellent council of the Oxyrhynchites through Aurelius Ammonius，（former（？））gymna－ siarch， l prytanis［in office］，to Aurelii（．．．）of Apollonius aliar Ptolemacus［．．．．greeting．）An official copy of the petition of Aurelius Alexander $[\ldots]$ requesting that you issue appropriate documentation［to him $\ldots$ ．．．of Agathus Daemon［．．．］of the hamlet of tstrou in year 22 so that $[\ldots]$ is sent to you so that on your
own responsibiliry [...] only [...] document, [...] being preserved [...] both from the remaining ataue [...] of Alexander alias Sarapion and others whose (...) session of our council. We pray for your good health. [Year $n_{1} \ldots$...]
'[To the excellent council of the Oxyrhynchites through] Aurchius Ammonius. (former (?)) gymnasiarch, pryanis in office, |from Aurelius Alexander ...] Alexander alias Sarapion having accepred |...] Aurelius Dionysius, (former (?)) gymnasiarch of the same ciry |... my| brother whose heir l am according to the (laws ...) hamler (?) of the crop of year 22 of the divine Severus [Antoninus ...) the other abundance of grains [...) the price (...) of him which while he was still alive he mortgaged (...) relcase [...) issue appropriate documentation to me [...] remaining [...] the existing and the $\mid \ldots$ ] pareds (?) [...] public wheat [...| account (?) [...] and Myrobalanou in the metropolis houses (...] arouras out of the allotment of Apollonius and Nica- [... arouras, out of the allotment of -on and Chrysppus $21 / 3 / 1 / 2$ arouras of cornland [ ... out of the] allotment of $\mid \ldots]$ | $2 / 3$ arouras. [Ycar $n, \ldots$ Presented by me.] Aurelius Pasion, assistant to the council.'

1] . . vewc. I suggest $\pi$ ] $\rho$ utagetewe, which would fit with 13. The tail of tho suits the trace afer the lacuna well, but the next three letters are all uncerain. If this is tight, I woutd sugger that the teri began
 ef. 13, or something similar: as virtually the same text occupies a whole line in 13, something may have dropped out or been omited here or different abbreviations may have been used. This would indicate a loss at the left of some so letters. At any rate. we must have here the name of the sender(s) of the letere:

Aüphioic. There were at least two recipienss, and if the supplement suggested in 3 is correa, I think it likely that these recipients were the officials in charge of the record office, i.e. the $\beta_{1} \beta \beta_{\text {Ioquinante }}$ iर⿲кrike

2]. may belong to the preceding line.
 probably, ${ }^{\text {a }}$ |¢ọ, as supplied above. If this is correct, it is likely to have been the stan of the body of the leter sent to the $\beta_{1} \beta \lambda_{1}$ oфúdanec or whoever were the addresses, preceded by xaipetiv, d.e.g. $33652_{2-4}$
 ander also called Sarapion in to; indeed, it would be somewhat odd if he were. For this name occurring in $1+\frac{1}{4}$ see the note there.
 $252.11-12 \mathrm{n}$., where it is cranslated 'issue appropriate documenation' aùz $\uparrow$ may have followed: $\mathcal{f} .2$.

$\tau \bar{\omega} \kappa \beta$ ( $\bar{\tau} \tau \in)$. This refers to year 22 of Caracalla ( $213 / 14$ ); so 17 . The date when documents began to regard him as dinus is uncertain; immediately afeer his death a circumlocution was sometimes employed.

 for 2t9/220; cf. P. Lips. 9.16 n . $\theta_{\text {goû }}$ Ceovipou, as in the present texs (17), referring to Caraclla and not to Septimius Severus, is found in XLIII 3099 int and passim, 3101 i4, PR Ryl. IV $599.14-15$ ro $\kappa$ к (ltroc)


 of 18 in the present text.

 cf. 11 éppêetar.
 Weinstein in the original publication of 3365 (P. Coll. Youtic 165 ) took it to mean on your own responsibilig', with reference to the $\beta$ 人 $\beta$ дгофídaкec, an interpretation with which 1 agree.

8 ]. Twv. Before avveither tau or lambda; the trace before it might be no more than the top of an




9 ave $\eta$. Only a dot for the foot of a letter survives before eta; tau could be read.

 name of che peritioner given the context.
 For ceve $\delta$ ptor in relation to the Boudj., f. LVIII $39256-7$ with Rea's note. He believes the best translation is 'scession (of the council)'.
ce, athough the letrer has more than one addressee (1 Avipphior).
eixóp(eta). Only the frintest trace of the horizontal bar over the omicron survives.
12 The dates here and in line 28 must have been given in short form: there is no room for a regnal formula.

13 If $I$ have understood the document correctly, this is the beginning of a copy of the pecition sent to the council of (presumably) Oxyrhynchus through its prytanis. A possible supplement is ' $O \xi$ pperxitêu Tịi кратicт, Boudỹ סıà ктג., cf. XII 1418 (see incrod. above). A Marcus Aurelius Ammonius, prytanis at Oxyrhynchus in 222/3, is attested in XLVI 3286; called Aurelius Ammonius in 177 and LVIII 3924 (both 223)-
 Cr. is.

14 The natural assumption when comparing this with 3-4 is that the petition was sent by Alexander (alias Sarapion); but, apart from the complication of this name occurring in ro, парá (Mápкou) Avprtiou is far too short a supplement in this line. Possibly this is the name of the peticioner's father, or
 began the line, and the supplement suggested for 13 is approximately correct, there may be room for a

 Iic Services² 5 8. In P. RyI. II $77.3^{8-9}$ (192), a member of the meeting says of a certain Achilleus that

 to the acceptance of a certain magistracy or liturgy by Alexander, perhaps replacing Autelius Dionysius, mentioned in the next line.
is Avipphíav Siovveiov $\gamma v \mu$ (vaciápxou) or $\gamma v \mu$ (vaciapxท́cavzoc). Cf. 111720 and XIV 1762 is.
 much more probable that the petitioner is referring to his brocher, whose heir he is, C. P. Stras. VII 649.4-5; supply here ó ípò à $\delta$ ] èфóc?
 9.9. P. Leid. Inst. 54.5 and note ad loc.
 micejeriov) might be a possibility; cf. P. Cair. Isid. 40 ( $306-7$ (?)), a receipt for delivery by the sitologi of
 Isid. It introd., p. 107. The gamma of $\gamma \epsilon$ viparoc is only half the height of the other leters.

 cf. 18 Teli $\mu$ - but 7 т $\mu$-.
 made by someone who has subsequently died, probably the brother of line 16 . On bypallagma, see the introduction to CPR XVIIA sa.
 On ävecte sec P. Giss. 59, BGU XV 2474.9-10 n . It is somectimes but not always used of (eemporary?)


${ }_{21} \mu \in v o \nu$-. If initial mu is correctly read, we no doubr have here a genitive absolure with the preent participle of $\mu$ éve and a suitable noun.
$22 \dot{\text { vino}} \beta \in \beta \lambda \eta \| \mid[\mu$ évev. The verb is used several times of nomination to an office (often wrongfully done), cf. my note in ZPE 88 (1991) 122 n . 9 ; but this seems an unlikely use of the ward here, where it is mose naturally taken to be neuter plural.

23 ¢ $\phi \rho[$ [. .].gc. If the small fragment at the leff is fired correctly, as it would seem to be, $\varsigma \phi p[a r i]$ ] ac can be read.

oixiat was no doubt followed by a number in the next line.
 shis name from the Oxyrhynchite nome: BGU XIII 2340.7-8 has ệ ro[if] Arodlauviou [aci . . ] a . . ov

 II 273 16-17.
 of a kleros); but a kleros Xpucínnou in the Oxyrhynchite is anested in SB XX 14385.13 -14

28 There are some half-dozen attestations of an Aurelius Pasion at Oxyrhynchus in the chind conrury, but there is no good reason to think that any of them is our man. A Boudeutioxic inmpeitgr is amested elsewhere in I 5922 (with BLI I 313 ) and P. Princ. II 30.7 and SPP XXX $54=$ W. Chr. 402 i 12 , ii $14-15$ (boch Hermopolis).

29 Unless the verb preceded the name it will have come in this line, e.... èmiverwa, as in 59.
J. DAVID THOMAS
5362. Letter to the Strategi of the Heptanomla
${ }_{29}{ }_{4}$ B. $46 / \mathrm{B}(1-5)$ a back $\quad 18 \times 16.6 \mathrm{~cm} \quad$ Afer $127 / 8$
Plate XII
This document is written on the back of the lease of irrigation works published as LXXXII 5320, but it has no apparent connection with that text. As 5320 includes the date $227 / 8$, we may assume that 5362 was written after that dace. It is complete at the top, foot, and right, but incomplete at the left. It contains a copy of a letter to the strategi of the Hepranomia from an official of the central administration. The name and office of the sender do not survive,
but he must be the prefect. Following several carlier reprimands about the purity of the grain supplied to Alexandria, he is writing to ensure that the strategi, sitologi, episphragistai, and perhaps other relerant officials in their nomes properly clean and store the tax-grain from the forthooming harvest ( $c u v \kappa o[\mu]!\zeta \rho \mu e^{\prime} \% \nu v v^{\prime}(u v$ ', 5 ), so that it is 'pure' when it is delivered to the Nile transports. The details of the letter are lost, but the strategi are no doubr being threatened with punishments if they continue to be negligent (nore kivסuvov, 5). The letter ends with the instruction usual in communications from the prefect to see to it that copies of his letter are exhibited in the cities and villages of the relevant nomes. Somewhat similar is BGU 1 is ii (197), a reprimand from the prefect to the strategi of the Heptanomia concerning the supply of donkeys for transporting grain. SB XII 11082 ( 138 -6I) and especially IV 708 = W. Chr. 432 (188) also attest government dissatisfaction with the purity of wheat consignments to Alexandria that have been contaminated with barley or dirt.

What survives is written in a competent hand, but by a rather careless writer. There are a number of corrections in a second hand.
 'Oácewe xaípeid.






s


 үокк каї є́тьефра-
 коскıขєบุцย์ขロ
 d $\pi \boldsymbol{\pi} \boldsymbol{\theta} \boldsymbol{\epsilon} \boldsymbol{\mu} \boldsymbol{\epsilon}$ -


10
 otov ยкке่ $\lambda \in u c a$
 тйс Bacıdí́oc

 1s $\dot{\text { ú } \mu \text { âc є ப゙х }}$

|  | ] (vac.) |
| :--- | :--- |
| Date | J (vac.) |


' $[$...] to the strategi of the Seven Nomes and the Arsinoite except the Oasis, grecting, You are not unaware how ofien [I have given] you [instructions] in the past [concerning the] purity of the grin [sent to) the most splendid Alexandria, fin some cases because the| excellent procurator Neaspolins had accused [you], and in other cases because ] had myself seen the [...) of the [...] measured out [...]. and in order that in the furure also [...] supervising [...] you may cocape danger, the froh [grain] being gathered in [...], 1 direct all, both you and the sitologi and episphragista [...] of each [...] the messure liable to be paid, sifed [...] to take and having stored (it) in the public granaries keep [a watch on those]) who handle the grain [...| similarly [...]to deliver (it) to [the] military men [who are assigned?] to the bringing down (of the grain) [...] to which the cargoes similar and in no resper [...| ater this leter of mine $[\ldots]$ without teasos and not as I ordered [...] and doing violence to the corn transport of the ruling ciry |...] let it be exhibited lin the] cities and in the villages. [I pray for your] good health [...]'
t The name of the prefect is to be supplied at the beginning of the line.

${ }_{2-3}$ The gap on the right in I .1 on the other side was estimated to hold 30 letten ( 5320 in.). The corresponding gap on the lefi suggested above for l. 2 of this text would be 23 lerters long, and that suggested for 3 would be 22 leters long, but the divergence is unexceptionable: the hand on this side is somewhat larger, and the left-hand margin on this side was probably wider than the right-hand margin on the orher side, just as the preserved leff-hand margin on the other side is much wider than the preserved right-hand margin on this sidc. The supplement suggessed for 3 accouns for the corruption in the preserved text: aituacauévou became aitracapévouc through the influence of the preceding masculine accusative plural í $\mu \mathrm{d}$.

 takes him to have been in charge of supervising street cleaning.

For the processes and procedures used to check the weight and purity of grian consignments in the ancient world, and especially in Roman Egypt, see G. Geraci, 'Sekomasa e deigmata nei papiri oome strumenti di controllo delle derrate fiscali e commerciali', in V. Chankowski \& P. Karvonis (edd.), Tous vendre, cout acheser: Soructures et équipemens des marthé anriques (2012) 347-63.

3 For the procurator Neaspoleos, sce LX 4069 introd.; cf. A. Jödens, Seathialireliche Veruadiung in der römichen Kniserzeit (2009) 199-200. For a letter from this procuntor to the stracgi of the Heptanomia. sec BGU 18 (248).

 ímodóyou.





7 .o: perhaps to. e̛tete is not a possible interpretation of the traces that follow, and it is unclear


8] кaтałaņáven?
$9 \pi]_{\text {upor. }}$. Not $\theta \eta$ nca] uporv: the tail of the alpha would have been visible on the left.
The lerter afer ka[.] has a long descender, then one or nwo letters are missing before $\boldsymbol{e} \boldsymbol{y}$.
After opot a medial point, which can hardly serve as punctuation here; presumably a chance ink mark

10 This line is writeen along one of the folds and is badly rubbed and frayed. The lacuna on the left, about thirty letters long, will no doubt have held the article тoic and probably also the participle of a verb
 ]. .oue at the start for the participial termination - $\mu$ ivates the first two traces are negligible, but a low trace close to $\boldsymbol{r}$ is the lower end of an oblique descending from left to right, representing perhaps e.g. $a$ or $\pi$.
${ }^{1}$ The reference of of is unclear.

12-13 The general sense will be 'lf anyone after this lecter of mine fails to act as I have command-



 סıaтáүн]aza is to be supplied there in 77: the plural סrazáy would be correctly used of a single communication.)

12 ähoyov, the reading afice correction, is a common word in papyri, though we have not found an exact parallel: cf. e.g. P. Cair. Isid. 73.15 (314) $\mu \epsilon$ pic $\mu$ ovéc $\dot{\text { diór }}$ [ouc]. We have considered rejecting the correction by the second hand and emending instead to $\dot{\alpha} \lambda\langle\lambda)$ oior. The word is very rare in papyri but turns up e.g. in the private letter P. Oslo Il 49.7 (11), where it seems to mean 'less favourable'. But a euphemism of this kind seems less likely in an official lener.
${ }_{13}$ Only the tops of letuers survive at the left.
тíc Baccitioc: i.e. Rome, Cf. R. Oslo III 77.20 (169-76?), and generally P. Jena II 15.2 n .

$\pi \rho 0$ !. | re日 $\boldsymbol{\eta} \tau \omega$. The leterer after $\pi \rho o$ has been deleted; it was probably theta. Perhaps the writer at first intended to write $\pi \rho \dot{b} \theta e c$.
${ }_{15}$ ß
J. DAVID THOMAS

A fragment with text written along the fibres, broken on all sides. The Greek medieal recipe LXXX 5244, obaained from one Julianus from Caesarea (6-7), is writen on the back, with its text running in the same direction.

A line of uncertain content (2) written in large square capitals is followed by text reminiscent of military strength reports, written in cursive (3-4). Traces apparently belonging to a further line of text ( 2 a ), now mostly lost, can be scen in the lower part of 2 it is not dear whether this line or 2 was written first. 5-6, in 'Rustic Capitals', include a reference to the erection of some structure, and possibly to Caesarea, mentioned in the recipe on the other side, three lines of cursive follow, with references to various officials and to a response ( $7-9$ ). After a blani space ( $10-11$ ), we have some further lines of cursive ( $12-16$ ), containing a past-tense narrative with a reference to the two Philips (14).

The alternation of 'Rustic Capitals' and cursive is familiar in military documenss (c. eg. ChLA X 411, XLII 1213, XLIII 1244). 5-6 may then form a heading in relation to what follows, although there is nothing in the content of the text to suggest such a function. 2 also may have a similar purpose, but the use of large square capitals there seems hand to parillel. and the presence of 2 a would be hard to explain on this hypothesis. The hand of 2 recalls rather the 'inscriptions on papyrus' PSI XIII 1307 v., P. Mich. VII 459 v., and XLI 2950, writren in similar large capitals (P. J. Parsons, JRS 69 (1979) 135). We may wonder then whecher we have here the remains of more than one text. Another possibility (suggested by Prof. Parsons) is that this is a writing exercise, made up of fragments of text that the scribe had in his head. But we have provisionally assumed in what follows that the legible text belongs to a document.

To judge by the numbers of centuriae and turmae (?) apparently menvioned, 3-4 may be concerned either with a legion and an ala or with several auxiliary units, but they are more likely to relate to a vexillario. On the structure and command of uexillatione, see e.g. R. Sarer. Unrersuchungen zu den Vexillationen des römischen Kaiserheeres von Augustus bis Dioklerian (1967); T. Sarnowskj, in Y. Le Bohec (ed.), La bièrarchie (Rangordnung) de larmee romaine sous ke Haut-Empire (1995) 323-8. As nored above, the papyrus may well be associated with Caearca.' The narrative prose in the lower part of the text (cf. $9,13-16$ ) could then be a report of evens in the military unit(s) or camp at Caesarea involving the entourage of the emperors (Philippi). The recipe written on the back of this fragment may have been copied in Caearea when the document had been discarded, and then brought to Oxyrhynchus by a veteran.

[^2]I would like to thank Prof. Bowman, Prof. Thomas, Dr R. S. O. Tomlin, and Prof. F. Mirthof for their helpful suggestions.

27

s A]D ERECTIONEM V.[ ]LICANIS AD ORAM CA[ ]m a procuratoribus comitibus ]. a tribuno a (centurionibus) et ab officialitibus

tr] ibuniciam suam processit [
]a d(ominorum) n(ostrorum) Philipporum Aug[ustorum
1s ]zibus sibi commilitonibus [
c]astris int . . . . adgr:

## I.[ ] $] 6$

37 8714 ddini

- ... 3, centuries 28 ; among these, centurions (?) ... 4i remaining ...
'... to the erection of ... Gallic (?) ... to the border (or: shore).
'... by the procumatores comites (?) ... by the tribune, by the centurions, and by the officials (?) ... assenting (?) to him (or: them) responded.
'... fellow-soldiers ... his (or: their) rribunician (power (?)), he (?) advanced (?) ... of our lords the Philippi Augusti ... to him (or: them), fellow-soldiers ... camp ..."

1]. [: a speck on a strip projecting above the first upright of $M$ (2).
2]. . . . . . The last four are uprights, the second thicker than the rest: some or all of them may be numerals. At the start, apparendy ] . $A$ or $], R$.
$M$. damaged on the right, has an upright left-hand side, and its obliques meet well above the line: cf. e.g. IGLS XVII.I 121 (ad 293-303).

21 On either side of a stripped area, apparently tops and bottoms of lenters written in the space occupied by the lower part of 2 . The count is uncertain. The first is an ascending oblique that croses the line over IIII ( 3 ), e.g. the remains of 7 . I have considered taking this to represent $X$, giving $X I I /$ in line 3 in place of III: then the descending oblique would have been flatened to join the line over III. Bur while $X$ may have its sccond oblique flattened in such cases, we should expect it to join the top of $I$. not the overline, written after the letter to which it applies; and the ascending oblique would be expected to begin regularly at the baseline, and not, as here, high in the line. Cf. e.g. ChLA XLIV 1298 a.6, 9; T. Vindol. IV 897.14 -

3-4 These lines (but not what follows: see introd.) recall strength reports, on which see A. K. Bowman and J. D. Thomas, $/ R S 81$ (1991) $63-6$, in the first edition of T. Vindol. II $1 s 4$, supplemented in the introduction to the edition in T. Vindol. II, adding T. Vindol. IV 857; M. A. Speidel. Heer und Herrechagt im Romischen Reich der Hohen Kaiserzeir (2009) 283-304.

3]. e. At the start, on the line, the end of an oblique descending from lefi to right. $A$ seerns 2 possible reading (so e.g. turm]ace), but apparently not $n$ (for $k_{\text {giog }}$ )ne $I I$, cf. 6 n .), ws whould expect to see part of the second upright.
[: a long thin oblique reaching the line below, probably 7 represencing (centurione). The number would have followed. For the form of the abbreviation, cf. 8. In strength repors, in his usually introduca a list of men, in the nominative, often starting with centurions (ordinati, centuriona). See eg. Rom. Mil. Rec. 47 i 1 ; 63 ii 15 .

4 ]ds. For the shape of the first letter, cf. esp. I4 dd. A possible expansion is atiserntes) s(igmiferum), a nominative parallel to reliqui. For the abbreviation, cf. CIL VIII $2568,2569,18086$; A. von Domacerwask, Die Rangordnung des römischen Heeres $\left({ }^{2} 1967\right)$ 45. The same resolution is possible at Rom. Mil. Rec 219 ]dr. see n .
s $V$. [. At the end of the line, two high dors close together and a further speck above the first, compatible with the narrow loop of $R$ (e.g. $V R[B I S$ ); $A$ (for $V A[L L I$ ) seems excluded.
$6]$ LICANIS. Perhaps GALILICANIS, of soldiers or troops: ©f. e.g. Amm. Marc. 23.5.25, 25+413, 30.10.1. One may wonder whecher the reference is to the Legia III Gallica, whose precise wherabous at the time are unclear: cf. E. Daprowa, 'Legio III Gallica', in Y. Le Bohec, C. Wolff (edd.), Le ligion de Rame sous le Haur-Empire (2000) 309-15 at 3r3. (PVB|L/CANIS seems less likely.)

ORAM CA[. CA[ESAREAE is an obvious guess, since Caesarea is mentioned in the recipe on the other side ( 5244 7) and is a coastal city. For a brief account of the history of the ciry and of eacavarions on the site, see B. Isaac in CIIP II Pp. 17-3s. Archaeological discoveries include the residence of the financial procurator of the Province of Judaea/Palaestina (ibid. 21-2): cf. 7 procuratonbus.
 and his son: imp(eratoris)/tmpp(eratorum) PhilippilPhilipporum, or simply Augusti/Augustorum; sometimes the campaign is also mentioned, e.g. ILJug III 2076.8-10 co ||mint $/ \mathrm{mp}[\mathrm{p}$. Severi af Anso $\mid$ nini in
 Augusti. See e.g. also ClL Xll 1856; I. Piso, An der Nordgrenze der römischen Reriches (2005) 375-400, esp. 381-90. In the middle of the third century, comes still means "companion", usually a companion of the emperor during his campaigns or travels outside Italy. This honour was given to senators as well as equertians. Although procuratores comites are not attested as such, in the third century, high-ranking procumators occasionally commanded vexillationes (e.g. CIL. V1 41271), or were given extraordinary powers or replaced the governor of a province as vice praesidis (e.g. CIL III 1456; XIII 1807), and some were included among the comites of the emperor. High-ranking procurators such as the procuratones a manibus, ab epistrulis, a cognitionibus, etc. were also part of the retinue of the emperor at least until c. 240 . It is not clear whether they simply became invisible or were not part of the entourage of the emperor in campaign any more after
this date, see I. Mennen, Power and Status in the Roman Empine, AD 193-284 (2011) 145-6, 150-51, 155; also F. Amarelli, Consilia princopum (1983) 123.

8 a tribuno. It is unclear which kind of tribune is meant (lariclavius or angusticlavius), but the fact that only one tribune is mentioned suggests that 5363 may be concerned with a vexillatio. According to R. Saxer, Untersuchungen zu den Voxillationen des romischen Kaiserheeres von Augustus bis Diokletian (1967) 120-23, senatorial officers, including tribuni laticlavi, acted as commanders of legionary vexillationes up to the time of Gallienus, while vaillationes of auxiliary troops were headed by tribuni angustichavi or other equestrian officers. The rule was not absolute and equestrians are attested as commanders of legionary vecillationes already during the Marcomannic wars, but they all headed only detachments from their own provinces, especially when the vexillatio was formed of troops from different provinces. They bear the title of pragpositus or, for important vecillationes, that of dux. Although tribuni laticlavi still existed under Philip, they already tended to be replaced by equestrian tribunes in many functions, see Mennen ( 7 n .) 143. and e.g. I. Eph. 111737.

9 adsentibus. The third letter is represented by an upright with an oblique finial to the leff at the top; a greyer oblique ascending from left to right emerges from the top of the upright, and we have taken this as the remains of ink (so srather than $t$ ). The participle of adsum is not attested, praesens being used instead: cf. e.g. E. D. Francis, YCS $2 \xi$ (1973) 40-41. Perhaps adsens(ient) ibus, 'agreeing', was intended.

12 c]ommilitonibus sec J. E. Lendon, ZPE 157 (2006) 270-76, on the usage of this term.
13 mibuniciam: possibly potestatem tribuniciam.
14 d(ominorum) n(ostrorum) Philipporum Aug|ustorum. Philip II is first mentioned alongside his father in an Egyptian papyrus on 13 October 244 (P. Stras. III 144-21-2); Philip I is still mentioned alone in PSI XII $1238.37-8$ of 2 September 244. The last Egyptian papyrus to date by the Philips is dated to 22 September 249 (P. Harris I 80.39-41); BGU XIX 2833.1, of 28 September - 27 October 249, dates by Decius. Philip IIs dies Augusti is placed berween 11 July and 29 August 247, but he and his father may jointly have been called Augusti before that point: cf. XII 1556 is $[\leftarrow \beta$ ac] $] \hat{\omega} v$, in a text dated to 3 January 247; AE 1973.s61 refers to the pair as Augusti and to Philip II as Caesar. It is possible, then, but not certain that the present document is to be dated after Philip Il's dies Augusti. See C. Körner, Philippus Arabs (2002) 68-70, and for other examples of this titulature, M. Peachin, Roman Imperial Titulature and Chronology, A.D. 235-284 (1990) 222; also X. Loriot, ANRW Il. 2 (1975) 791-2; D. Kienast, Römische Kaisertabelle ( ${ }^{2} 1996$ ) 200.

15] Jibus sibi: perhaps adsen]tibus sibi, as in 9 .
16 int . .... WBH suggests intimaunt, 'made known'. After int, we have an upright with no decoration at its foot, so $i$ rather than e.g. $r$, then confused traces on a damaged patch, a trace on the line, traces suggesting $u$ (cf. e.g. 13 suam), and finally traces compatible with it (cf. i2).

1. An upright hooked to the left at the foot: $n$ [ is also possible.

5364．Tax Receipt
104／127（b）
$11 \times 19 \mathrm{~cm}$
Late fourth eennury
Plate XIII
 share＇．The purpose of the payment is not stated，but there is little doubr that it concemed a tax．It is unclear whether the кє申adauwtic＇loviaiwn pays as a representative of his group，the Jews of Oxyrhynchus，or on his own behalf；for speculation see below， 7 n ．His function was known from an Arsinoite papyrus of later date but the context was obscure（see further 4－s n．）．It is a pity that the word that would have specified the area of authority of the first two $\kappa \in \phi$ a $\lambda$ aserai＇is damaged．The text is not exactly dated，but may be assigned to the later fourh century on palacographical grounds；cf．XLVIII 3424 （c．357 or c．372），SB XVIII 13916 （386）， X 1329 （399）．

The writing runs along the fibres and the back is blank．

> 'H入íac ка]i Anфọ $\hat{\mathbf{v}}$
> к[єфадаı]wrai a. . [
> $\eta /$ ì $\delta \mathbf{i k r i \omega u}[$ oc

> тò époūv cot $\mu$ époc $\pi \lambda$ ทи́ $\rho \eta$ е
> каi ov̉ðéva גóyov éXо $\mu \in \nu$
> upòe caí.
> (vac.)
> 10 A Atфойс каi'H入íac
> сє $\nearrow \eta \mu+\omega \dot{\mu} \mu \in(\alpha) . \Phi_{a \omega \phi} \theta$.


＇Elias and Apphus，headmen ．．．of the 8th indiction，to ．．．son of Isidorus，headman of the Jews， greeting．We received from you for the 8th indiction your proper share in full，and have no aggument against you．
＇We，Apphus and Elias，have signed．Phaophi 9．＇

 and Apphus was followed by a word now mostly lost．The mention of the current indiction may suggot that this was the name of a tax or other charge，but I am not aware of any parallels．On the other hand． there are references to headmen of professional associations that fit this partera（I owe the observation to


$\kappa \in \phi$ alaswaca are described with reference to an indiction also in P. Lips. I $48-53$ (bur in connection with a place in the endorsements of 48 -50) and SB XVII1 13251 (372), but these are former postholders, and the indictions indicate the years when they held office. On кe申alatw:ai see most recently L. Berkes, Dorfuerwaltung und Dorfgemeinschaff in Aggpren von Dioklesian zu den Abbasiden (2017) 125-9.
 originally thought to be Hermopolite and assigned to the fifth/sixth century, but shown subsequently to be part of the dossier of Theon, and thus Arsinoite and of the carly sixth century (TM ArchID $208=335$ ).

 had two names'. Bur Neilammon need nor have been the кe申quaiwijg; a person of this name occurs as a ßopoóe in an order to pay issued by Theon (SPP VIII 990), and much is lost to the righr. Perhaps Theon

 5s). (Some minor corrections to this text may be appended here. As the image shows, the eext starts with a cross, not transcribed in the ed. pr. The ed. pr. has $\uparrow \mid \dot{j}$. ... ivdentiovoc in 2 ; these restorations were rejected in CPJ III so6.2 n., though not for the right reasons: at any rate. it would be too bold to print


In the CPJ re-edition, the $\kappa$ кфadatusin' was seen as the 'president of a guild or a corporation ... Sorne group of Jews (perhaps occupied in some erade or profession) are likened herc to a corporation'. A fourth-century petition from Karanis stems from a collective body (the term is lost) of Jews represented
 W. G. Claytor for drawing it to my attention). кєфalarwatai headed and acted as representatives of

 PSI XII 126s (426), the main concern of $\kappa$ кффadaı $\omega$ acai was tax collection, and it is in this role that we find them e.g. in $\mathrm{SB}_{13916}$ or 1330, mentioned above. Berkes, Dorfiervaloung 129 with n. 30, rightly sees a cax-collecting tunction in the official in CPJ III so6. It would thus appear that in fiscal terms the Jewish communiry functioned like a кowvóv, a corporate entiry.

A kotvóv of Jews may occur in a document of 309 addressed to the strategus of Oxyrhynchus [ $\pi$ apà
 for showing me a draft edition); the word is mostly lost, but the supplement suits space and trace better
 nowóv corresponds to Lat. collegumm, and the craditional view has been that Jewish synagogues in Rome were classified as collegia (see e.g. E. M. Smallwood, The Jrws under Roman Ruke: From Pompey to Dioclerian (1976) 132-6). Yet this relies on inference rather than on unequivocal evidence: no ancient source explicidy refers to a Jewish collegium, and the notion has been challenged; see among others M. H. Williams, 'The Structure of the Jewish Communiry in Rome', in M. Goodman (ed.), Jews in a Graceo-Roman World (1998) $215-28$, esp. 215-21 ( $=$ Jews in a Graeco-Roman Environment (2013) 111-24). (The proposal to restore [collogium] /udatorum in Clj 533.1 has been contested by A. Avidov, Not Reckoned among Nations (2009) 179 n .32 s .) It is also worth noting that Jews ('Eßpaîar) are listed among professional associations in a Hermopolite document of the early eighth century (P. Heid. inv. G iso; see CPR XXII p. 284n. 2).

On the Jewish community of Oxyrhynchus in late antiquiry, see E. J. Epp in T. J. Kraus, 'C. Nicklas (edd.), New Testament Manuscrips: Their Texts and Their World (2006) 34-46.


 the person of the кє申aiateтทं＇lovoaiwy rather than the Iovoaioe，but（in an urban environment）what would this tax be？If it were a tax specific to the Jews，at this date it would be the aurum coronanum（f． S．Schwartz，Imperialism and Jewish Society： 200 B．C．E．to $6_{40}$ C．E．（2009）u5－17）；but in that case our кeфalarwik＇would have collected the tax from the others in his group and paid it to the authorives． The two other $\kappa$ € Q ala woi would have been the intermediaries，and would have colleced more than the taxes paid by the Jews．Alernatively，the person who happens to be a＇headman of the Jews＇pays a rade tax to the two headmen of a professional association of which he was a member．

10－11 1330 too ends with the signature of the 火e申adatwrai followed by the month and day． in Phaophi 9，indiction 8 （cf．6）$=6$ October 364، 7 October 379， 6 October 394، 499，ece．

N．GONIS

## 5365－5400．Documents from the Dossier of the＇Apion Family＇

The documents edited in this section form a sequel to the group published as LXX 4780－4802．A prime consideration in their selection was the complicated issue of the succes－ sion of Apion II． $\mathbf{5 3 8 0}$ confirms that Apion II died in 578 ．The terms кגпроуó $\mu 0$ and ávopec， thought to have disappeared after 883 ，return in 5388 （ 586 ？）and 5389 （ 588 ），but this is merdy an issue of notarial choice．Apion II＇s unnamed＇successors＇are still anested in Ocoober 588 （5390），almost a year after their previous latest mention，but the picture is now more complex： 5381 shows that Praeiecta and her sons Apion Ill and Georgius appear in estate accounts as early as 58 r ，at a rime when contracts address Apion II＇s heirs without naming them；the later 5391 and XVIII 2196 make it clear that this was not an isolated phenomenon．Praciecta and Apion III（an honorary consul by 585 ：5386）jointly head the Oxyrhynchite esmere in January 591 （5393），but Apion was in sole control of it by November 592 （5394）．Particularly intrigu－ ing is 5392，where Praeiecta，Apion III，and Georgius are described as＇children and heir＇of Apion II．It is unclear whether Praciecta was a daughter by birth or a daughter－in－law and adopted daughter of Apion II．Also unclear is the identiry of her husband： $\mathbf{5 3 9 6}$ shows that the parents of Apion III were Strategius and Praeiecta，both deceased by lace 595．This offers further proof that Apion＇s father cannot have been the Fayum aristocrat commonly known as Strategius Paneuphemos，as was once thought．The two men＇s careers seem to have mirrored each other（ 53984 －5 n．），and we learn from 5399 that the estate of Apion III had close links with S．Paneuphemos．

Most of these details come from contracts addressed to members of the family，and the majority of the contracts in the Apion papers are receipes for parts of irrigaing machines and sureties．A number of other sureties have been edited for comparison and for the new decails that they offer on institutional and estate realities．They include the earliest such document in the archive（5371），and some of them attest a period in which the Apions made use of the public prison of Oxyrhynchus $(5373,5375)$ ，before the＇prison of the glorious house＇became cstablished．One of the most interesting sureties is 5395，which contains an unusual derail
about the structure of the office of the praeses Arcadiae, and refers to the condicio of the inhabitant of a village, previously known only from the law codes (see also 5378). At the other end of the statistical curve, land leases are rare in the archive. The fragments 5367,5370, and 5374 and the more substantial 5380 and 5383 do not alter the picture, but offer additional evidence for patterns of tenancy in the estatc.

Several texts are of interest also for the chronological systems used in this period. 5365 is the latest record of the postconsulate of Filoxenus cos. 525 ; 5380 offers the latest dating by lustinus II, one month after his death, and 5384 the latest attestation of the postconsulate of the deceased Tiberius II; 5385 confirms that Julian year 584 was counted as Mauricius' consular year i at Oxyrhynchus, while 5387 provides the carliest example of the Oxyrhynchite reckoning of the consular years of Mauricius from the month of Thoth.

With few exceptions, the papyri in this group derive from Grenfell and Hunt's first excavation season at Bahnasa, and most of them were part of the large find of 18 and 19 March 1897. The find produced not only 'some of the largest Greek rolls' that Grenfell had seen, but very large quantities of fragments, one of the most serious challenges of this material: pieces of the same document were recovered from various layers and placed in different folders and boxes (as indicated by the presence of ' + ' in some inventory numbers), so that the piecing together of texts can be slow and laborious. The same holds for the history of the Apion family and estate, whose reconstruction began with the publication of the first volume of The Oxyrhynchus Papyri and remains an ongoing process. ${ }^{1}$
N. GONIS

## 5365. Receipt for a Cogwheel

$531 \mathrm{B.26(D)/E(8)a(2)}+\mathrm{C}(7) \mathrm{a}(1) \quad$ fr. $13.3 \times 7.3 \mathrm{~cm} \quad 31$ December 526
Plate XI
What remains of this document, two non-contiguous fragments, replaces LXX 4781 (10. xi. 525 ) as the latest record of Straregius' status before his rise to the patriciate, which had taken place by 23 .ix. 530 (LXX 4784), if not by late 528 (LXX 4783). A further point worthy of note is the consular date clause, the latest instance of the use of the postconsulate of Philoxenus cos. 525 .

Receipts for replacement parts of irrigating machines are the commonest rype of legal agreement in the Apion archive, with three dozen such texts published previously; nine more are edited in this volume ( $\mathbf{5 3 6 5}, \mathbf{5 3 7 6}, \mathbf{5 3 8 5}, \mathbf{5 3 8 7 - 9}, \mathbf{5 3 9 3 - 4 , 5 4 0 0}$ ).

[^3]The text is written by the same scribe as XVI 1984 (523) and LXVII 4616 ( 525 ). The back is blank.

] Tиßı $\bar{\epsilon}, i \nu \delta(\iota к т i \omega v) о(c)[\epsilon$.


 I.[........|

Fr. 2












## 2 abo

'Afer the consulship of Flavius Philoxenus, vir clarissimus, Tybi s, indicion 5 .
'To Flavius Stratcgius, the most glorious and most exeraordinary ex consulibwa and magister miltrum, landowner here also in the splendid city of the Oxythynchites, through Menss, oikeres, who also pus the formal question ... (fr. 2) ... irrigating arable land, of one large cogwhecl, we came up to the ciry and asked your glory through its subordinates to order that this be provided to us. And immediately your glary , showing regard for its affairs, provided the same large cogwheel to us ...; this, (being) new, serviceable, suitable for irrigation, satisfactory, we received as completion of all the inigation implemens on chis very day, which is the fifth of Tybi of the current year 203/172 of the present fifth indiction, for the inrigation of the crops of the sixth epinemesis. And as evidence for the receipt we have made this cheirograph ...

1 On the consulship of Philoxenus, sec CSBE ${ }^{2}$ 204-5 (add LXX 4781). His postconsulate had not hitherro been attested after 3.xii.s26 (SB XXII 15285 ; Oxy.); the consul of $\{26$ is first attested on $12 . v i .527$. For the dubious case of BGU XDX 2822, see R. Ast, ZPE 157 (2006) 163.
 4785 3-4 n .

3-4 The order of Strategius' titles is restored afer 4781 2-3 on the grounds of space, but it is equally likely that it was reversed, as in 19843 and 4616 2-3, both writen by the same scribe as 5365 .

The latest additions to the 'dossier' of Strategius II are P. Bastianini 24 (483), which offers his earliest appearance in the papyri, and LXXXIl 5337 (493).

Fr. 2
 paralleled by an unpublished fragment written by the same scribe; of. also XVI 1982 14-15 (497).

5-6 Ac this point there should have stood a reference to the person who supplied the cogwheel. [סiad

 (CSBE ${ }^{1} 4^{8}$ ).

The vacat is duc to an uneven patch on the papyrus which the scribe skipped.
9-10 Though the sense is not in doubt, there is some uncertainry about the restored parss; if iv (ıntiuvoc) was not abbreviated, vifpotapoxiac would have been divided berween the two lines and jic might have been omitted.

N. GONIS

## 5366. Annual Account of an Estate Overseer

${ }_{13} 1 \mathrm{~B} .132 / \mathrm{E}(\mathrm{g})_{2}$
$26.8 \times 16 \mathrm{~cm}$
c. $530-42$

The beginning of an account of receipts and expenses submitted to Fl. Strategius II by the pronoetes of an area comprising the hamlet of Calybe and other localities. Though very little survives, $\mathbf{5 3 6 6}$ is of interest as the earliest document of this type published to date; see the list in R. Mazza, L'Archivio degli Apioni (2001) 193 (any such list is bound to be incomplete: these are very long documents, and fragments from middle parts and without headings are difficult to identify, if they are not overlooked). The date range, $c .530-42$, is suggested by the known limits of Strategius' patriciate (see $\mathbf{5 3 6 5}$ introd.) and life. 5366 probably falls towards the end of chis period: the hand seems to match that of XVIII 2204, an account for an indiction ending in $\varsigma 66$ (see Mazza, op. cit. $62=$ BL XII 14s; an earlier date should be ruled out, since Apion II is called a patricius).

The piece preserves the beginning of the original roll. The protokollon was left blank, and the account begins on the second kollema, with the writing running along the fibres. Once written, che roll would have been rolled up from right to left. A docket was added on the outermost sheet, on the back of the protokollon; 5391 has the same format. Running in the same direction as the docket, closer to the beginning of the roll, there are five short lines of text preceded by checkmarks. Only the first can be read with certainty: áproк(om-) or the village Арток(отiou). The second begins op-, and I have considered ' $O_{\rho} \theta \omega \nu$ iov (cf. XVIII 22078 -9).



$\pi \rho o(\nu \circ \eta \tau \circ \hat{)})$


5

|  |
| :---: |

$\pi(a \rho \dot{\alpha}) ’[a \kappa] \dot{\rho} \beta \pi \rho \epsilon[c] \beta \nu[\tau] \epsilon \dot{\epsilon} \rho(o v) \delta_{l}(\dot{\alpha})$ Пaŋciov $[$
$\pi(a \rho a \dot{a}) \quad c .9 \quad] r o c \delta($ (a) 'I Iwávvo[u
$\pi(a \rho \dot{a}) \quad c .12] \delta_{t}(a) I \omega[$
$\pi(a \rho \mathrm{a}) \quad c . I I \quad] \omega \tau 0 v \in \pi[$

Back, downwards, across che fibres:


'To Flavius Strategius, the all-renowned and most extraordinary acconnulibw and most well-famed magister militum (and?) patricius, landowner also here in the splendid ciry of the Oryriymchires. Account of receips and expenditures made through me, Philoxenus, overseer of the hamler of Calybe and ...

From loannes and Apphus and associares ... / From lacob, presbyer, through Paesis ... / From ... through loannes ... / From ... through lo- ... / From ... -ores ...'

Back: 'Account of Philoxenus ...'
I Stratcgius' epithets and titles are restored after LXIII 4396 4-5 ( 542 ).
 hamler and not only by the phrase à $\lambda$ hwv e'scticūv tónevv. The collocation may have occurred in XV 2019 j-4 (BL XIII 156), a similar account for an indiction ending in 548 or 563 . XVIIl 22045 , writeren by the same scribe as 5366, has ipocraciq without inousiou vel sim.; the dative is probably a misake for the genitive. Later accounts do not contain the term тpoctacía at this point; cf. e.g. 5391 3. A reference to the indiction for which the account was drawn up would have been added at the end of the line.
 180.1, see 7yche 30 (2015) 227). A pronoetes appears to be mentioned in XVI 203118 (the itle is resioned and there is no space for a name).
$6 \pi \rho \rho[\mathrm{c}][\mathrm{Bu}[\tau] \dot{\rho} \rho(o u)$ is not casy but likely (1 owe it to a suggession by T. M. Hickey).
N. GONIS
5367. Lease of Land
$541 \mathrm{~B} .26(\mathrm{E}) / \mathrm{A}(3) 2$
$26 \times 9.8 \mathrm{~cm}$
537?
Plate XVIII
$\mathbf{5 3 6 7}, \mathbf{5 3 7 0}$, and 5374 are small fragments of land leases from the mid sixth century preserved with the papers of the Apion estate. There is now evidence for land leasing in the estate virtually throughout the time of its existence: LXXXII 5337 of 493 is the carliest document of this type in the part of the archive found in 1897 (cf. also LXVII 4615 of 505), while later examples include 5380 and 5383. Nonetheless, the number of land leases remains a fraction of that of receipts for replacement parts of irrigators and sureties, and the picture will not be altered by future publications, at least in P. Oxy.; for the problem, see T. M. Hickey, Wine, Wealth, and the State in Late Antique Egypt (2012) 20.

The writing runs along the fibres. The back is blank so far as it is preserved.
C. 55

каi $\pi a ́ c \eta]$ ¢ т ! $[\hat{\eta}]$ ¢ ка̣ $\theta$ ódo $[v]$






5

'... and whatever else it comprises in terms of corporal as well as incorporeal law, and we shall pay to your extraordinariness(?) on mutual security the aforementioned rent for each arura, (i.e.) eight artabas of wheat from good produce, sieved, with their aforesaid customary ... for both Nile-watered and unwatered land in accordance with the above starement without delay. The lease, written in a single copy, is binding, and in reply to the formal question we assented and delivered (the contract). I, Aurelius Menas son of the blessed Theodorus, wrote for them at their request because they are illiterate.'
(Greek alphabet) 'Completed through me Philoxenus, contract-writer.'
(Roman alphabet) 'Completed through me Philoxenus. ... 28, indiction 1.'
${ }_{2-3}$ On this clause, sec ZPE 129 (2000) 183 (19 n.). av́ryic may refer to a $\mu \eta \chi$ аuท́; sec 5370 introd.



 émŋpeciac mácac.
 in place of à $1 \nu \omega \tau$ épay); further examples are provided by XVIII 22038 (see 5397 is n.), and SB VI 8987.43-4 (with BL IX 252).

6-7 Menas son of Theodorus signs on behalf of illiterates also in XXXVV 2779 26-7 ( 530 ), 5368. and the unpublished ros/44(a) of 538 (edited by S. Slattery in his Oxford D. Phil. thesis of 2013). All these rexts are signed by the notary Philoxenus. Menas' father is called 'blessed' here and in 2779 but not in 5368; the fact that this element is also absent from $105 / 44$ (a) shows that this inconsistency on the part of Philoxenus is of no particular significance.

8 The notary Philoxenus signed several documents, five of which are dated berween 528 and 550 ; see Byz. Nor. pp. 86-7, nos. 21.2.1-6.' He was probably the father of the notary Vicior (d. 5374); see G. Azzarello, "Tale padre, tale figlio: riflessioni sulla prassi notarile bizantina a Ossirinco", in V. Formentin et al. (edd.), Lingua, Letteratura e umanita: Studi offerti dagli amicr ad Antonio Daniele (2016) 69. His signature is mostly Latinate (probably also in 5370); the Greek and Latin versions are attested only here and in 5368.
'Bilingual' or rather digraphic notarial signatures have occurred in just over a dozen Oxyrhynchite documens from between the mid fifth and the mid seventh century. The earliest instance comes from XXXIV 2718 (458), followed by XX 2270 ( $\mathrm{v} / \mathrm{vi}$ ) and LVII 3914 ( s 99 ). We find more such signamures chereafter; besides Philoxenus', there are those of Theon in XVI 1983 ( 535 ), of lustus in LXIII 4397 ( 545 ), though he uses the Latinate version cverywhere else, of Apollos in 5376 ( $560 / 61$ ), and of Damianus in a text of 561 , to appear in volume LXXXIV (only Latinate elsewhere). From later years, we have three such signatures of Papnuthius, in 1136 ( 583 ), 138, and LVIll 3952 ( 610 ), ${ }^{2}$ and one of loannes in LVIII 3958 (614); both notaries commonly use a Latinate signature. Lasty, there is Georgius' signarure in SB VI $8987(644 / 5)$, the latest dated document from the ciry of Oxyrhynchus. The panern in these signatures
 sumbolueografu after the Latin name.

After etelioth Philoxenus added a date by month and indiction and signs that are prosumably shorthand. The practice of including dates in notarial signatures (frrt discussed in $1891 \mathbf{2 6}$ n.) goes back
${ }^{1}$ One of these rexts, the loan PSI VIII 964, has been assigned to $520 / 21$, $53 / 6$, or $550 / 51$ (BL VIII 404). The carliest date may seem to receive support from the fact that the rate of interest is specified as $\mathbf{1 2 \%}$ : the legal rate was lowered to $6 \%$ in a law of 528 (R. Heid. VII 401.16-17 n.; \&. BL XII 253). However, $520 / 21$ would fall ourside the period in which Philoxenus is known to have been active, so that the rwo later alternatives appear preferable. If so, it would seem that the $12 \%$ rate continued to be charged on some loans after 528 (cf. also BL XI 249).
${ }^{2}$ The identification of the signature as that of Papnuthius is made by E. Bonollo in Pratiche notarili nell'Ossitinchite bizantino: i papiri di Papnuchios e loannes', forthcoming in G. Azarello (ed.), - Tu se' lo mio maestro ... - Scritri offerti dagli studenti udinesi al Prof. Franco Maltomins in arcasione del suo settantesimo compleanno. (I am grateful to G . Azzarello for a preview of this paper.)
to the late fifih century, and is not too common until the mid sixth; it becomes sporadic thereafter, but still persists until the mid seventh centur: It is found with some of the digmphic signatures, and seems to be a faitly standard feature of the signatures of certain notarics. The following four predate Philoxenus:

 $\boldsymbol{x}$. Except for the month name. the rest seems to be plausibly read ('Zeichen' in Byz. Not.; conerast 3914 26-8 n.). In 1962, dated Thoth 18, ind. 9 , the date in the signature was first read as $\theta(\omega \theta)$ xviii (ii. $\delta$ ) $\times($ (tioroc) ( 2 ) $3 i i i$. An agnostic attitude was taken in the re-edition (ZPE 34 (1979) 137) and Byz. Not., but while the name of the month cannot be verified, the day number and indiction symbol are clear. The number of the indiction is in Latin, and ought to be 9 , but it is hard to understand the notary's logic.
(ii) The notary (name not convincingly deciphered; 1 cannot follow the reading proposed by J . Diethart, ByzZ 110 (2016) 30) who signed in XVI 189126 (495), 195923 (499), and SB XIl 10937 = P. Palau Rib. 18.4 ( $=$ Byz. Not, 2s.11.2-4). In 1891, the nwo dates seem to match: Choiak 2 , ind. $4=X_{0}(\mathrm{ak} \mathrm{\kappa})$ ii (ivio) x(-iovoc) iiiii (the notarial date was rendered as 'Zeichen' in Byz. Nor.), except for the fact that Xo(ian) cannot be confirmed beyond the presence of a superscript o. No date was read in the signature of 1959; the moneh name is abraded, but after that we can make out vi (iidowriwvoc) viii. It would appear the document was signed on the sixth of the month, but this is not in line with the date clause, $\theta \omega \theta$ a index(riwroc) $\eta$ (2); cf. 1133 (see further below), whete the notary's signarure is dated one day later than the document isself. The alpha is malformed, but not like stigma in 9 . In the fragmentary P. Palau Rib. 18, the date in the signature after what must be a symbol for the month reads ace (ivoroxtiwvoc) viii. This indiction 8 must correspond to $499 / 500$.
(iii) Sarapammon in XV1 1982 27-8 (497) (= Byz. Not. 18.1.1). The document is dated Phaophi 4 ( $=$ Ocrober 1), indiction 6; the date in the signature reads ofrombrio $\delta$ (ivo.) s. Either the signature was added three days later, or the notary equated Phaophi with Oceober.
(iv) 一nilus in LVII 391428 (s19), a notary distinguished by his archaizing Latin script. He wrote the month date parily or wholly in shothand, used a hitherio unparalleled symbol for the indiction, and wrote the number of the indiction in Roman numerals.

This review suggests some general observations (in part already made in 189126 n.). The numbers of the day of the month and of the indiction are generally given in Roman numerals except in 1982, which has them in Greek. The month name is rendered in Latin in 1982, bur in all other cases it is reduced to what seem to be tachygraphic symbols: although editors have interpreted them as letters of the alphabee, it is impossible to match them with any Greek or Roman characters. The indiction is abbreviated in the same way everywhere except in 3914: a tall upright that curls up rightwards at the foot until it reaches one-quarter height, and then descends from left to right. The upright may represent iota but perhaps the whole has to be seen as a symbol, i.e., (ivosoriewroc); this was the view (implicidy) adopted in Byz. Not. with seference to Sarapammon and Philoxenus.

Philoxenus uses the same symbol for the indiction, with the addition of a short $\mathbf{v}$-shaped stroke under it, and in most cases Greck figures for the day of the month and the indiction (the readings are


 impossible; Philoxenus used a peculiar symbol where the number is expected. As in the case of the earlier signaures, the putative month names cannot be confirmed, and must be in shorthand. It is interesting that the remains of the symbol for the month in 190034 match those in 13328 -in both eexs the month in the main date clause is Phaophi.

Iustus, a contemporary of Philoxenus, added dates to some of his earlier signatures. In LI 364126 (s44) ( = Byz. Not. 9.1.1), dated Mechcir 12, indiction 7, we may read is (ivosxriurvor) $\zeta$ in his signature: the month must have been expressed in shorthand. More difficult is the case of XVI 198532 (s43) ( - Byz Not. 9.f.1), dated Phaophi in, indiction 7 ; it is possible to see (ivorexríwooc) $\zeta$, and this seems to be preceded by a tiny zeta, but that would be ineompatible with the day of the month in the main date classe. The pattern is different in LXIII 4397246 ( 54 ), where lustus seems to have used shormand throughout (the original is very dark: I am grateful to James Brusuclas for a multispectral image of the signature).

Victor, Philoxenus' son, appended dates to all his signatures. For the details and further dikussion, see 53744 n . As with Philoxenus and lustus, the numbers are Greek.

Dates reappear in the signatures of Papnuthius in LVIII 3952 g9, transcribed as $\bar{\alpha} \alpha / \overline{\text { ry }}$ (firoux?) ।

 require some modifications, which have implications for the dating of these documents.
$\alpha /$ in 395259 is the indiction symbol, whose shape resembles that of kappa. It is vinually identical to the shape of the third leter in alphabet B. discussed by D. Feisel in his edition of P. Worp II; Feivel argues that it represenes $g$. $\bar{y}$ is the number of the indiction, as has already been recognized; ä (no dot needed) is the day of the month. The ext comes from the interregnum berween Phoces and Heradius; with Phocas recognized in the Fayum as lace as $8 . \mathrm{i}$.610 (CPR XXIV 27), this would have been the fint of any month berween lhamenoth and the first epagomenal day ( 25 .ii -24 .viii.6io).
 month; this is followed by the indiction symbol, which looks like kappa but is exsentially the same as that used by carlier notaries. The part of the date clause that contained the month and day is loss. The conerace is set to run from Choiak 1s, indiction 14; it is tempting to take the 14ch day mentioned in the ignarure as the 14th of Choiak. This convers to 10 December 610 , and would make 138 she earlies dated document of the reign of Heraclius, next attested in LVIII 3954 of 12 .iii.611. Heradius was enthroned on $\rho$ Ocober Gro; it would be perfectly reasonable to assume that the news reached Egypt within two months.
 (isioxriuvoc). ay is the day of the month, which would have stood in the lost pars of $7:$ restore Maxuy [ $\mathrm{y} \%$, which corresponds to 8 May 614. The name of the month is what was transcribed as T (), the note specifying that 'tau has an are above it'. We find a similar 'tau' with some writing above it where the name of the month should appear in the notarial date of 140, a document also dated in Pachon: this could be the symbol for Pachon.

A new element is the addition of the Oxyrhynchite era year. The purative (ėrour) has a peculiar shape: in 3952 59, it is described as a 'zecta- or xi-shaped symbol ... separaed from [the era numbers) by an isolated sloping upright' ( 39603 n .); in $39584 \mathrm{4t}$ the 'sign looks like xi or zeca with a long vertical nail' (note ad loc.): the same sign occurs in 138 49, where it looks like zeta and is intersected by a long oblique at the foot. This must have been a standard (shorthand!) symbol.

Finally, there is the notary Georgius in SB VI 8987 of $644 / \mathrm{s}$ (Byz Not. Oxy. 3.1.1, Taf. 4), whose signature is digraphic and ends with a clear $\gamma(\mathrm{s})$ : this corresponds to the number of the indiction in 1 (the month is lost).

To return to 5367, the first indiction mentioned in the notary's signarure probably correspands to $537 / 8$, since Menas son of Theodorus is not attested affer 538 (see above, $6-7$ n.). The month symbol here, $\}$, is somewhat similar to that in 13849 (discussed above). If it represens the month of Choiak (Cho(eac)?), 5367 will have been signed on 24 December 537.

The lower part of an acknowledgement of a debt of five solidi, a fairly substantial sum (cf. LXXVII 5124 introd.). The principal is to be repaid when the creditor wishes; interest is not mentioned. As the document was found among the Apion papers, its origin seems clearly established. It is unfortunate that we do not know who the creditor was. When loans are made in the name of the head of the estate, they are prochreiai, advance payments; cf. P. Amh. II 149 (v), P. land. III 48 ( 582 ), LVIII $3943-6$ ( 606 ), I $192=$ SB XXII I5362 ( $614 / 15$ ?). Ordinary loans to employees on the Apion estate seem to have been made only by other, usually senior Apionic staff; cf. XVI 1970 (554). LXXI 4835 (574), LXXIl 4930 (614), or IXXV 5070 (605/6 or $620 / 21$ ). What survives of 5368 is not indicative of a loan of the prochreia type. Cf. also 5369.

The amanuensis and the notary appear together in documents of the 530s (see above, $53676-7 \mathrm{n}$.), hence the date range tentatively assigned to this document.

The text is written along the fibres.











(vac.)


* di emu Filoxenu erelioth

Back, downwards, along the fibres:
 $\chi \rho(\cup<\alpha u ̈) \nu 0(\mu \iota c \mu a \tau i \omega \nu) \in \pi(а \rho a \dot{)}) \kappa є \rho(\dot{́} \tau \iota a) \kappa i \delta(\iota \omega \tau \iota \kappa \hat{\psi}) \zeta \nu \gamma \bar{\psi}$

‘... seceipt or before the recovery and annulment of ... my deed, pledging to the right of it all my property present and future, in particular and in general, by way of pledge and by right of morgage. The deed, written in a single copy, is binding, and in reply to the formal question I asented.'
(2nd hand) 'I, Aurelius Pambechis son of loseph, the aforewritten, have and owe the five gold solidi minus twenry carats by the private standard, and will return them whenever you may wish, and everything satisfies me as aforesaid, and in reply to the formal question I assented and delivered (the contraet). I, Aurelius Menas son of Theodorus, wrote at his request on his behalf because he is illiterate.'
(zrd hand) (Greek alphabet) 'Completed through me, Philoxenus, contract-writer.'
(Roman alphabet) 'Completed through me, Philoxenus,'
Back: 'Deed of Pambechis son of loseph from the hamlet of (?)Dionysias for 9 gold solidi minus 20 carats by the private standard, as capital.'


 P. Coles 29.9. Neither roúrou nor roûठe can be read at the end of 2 , and it is unclear what followed immediately after $\lambda \nu \tau \rho \omega ́[c] \leqslant \omega c$.
 77 ( 551 ), 1145 ( 552 ), and probably SB XV1 12472 ( 525 or 526 ).

10-11 Cf. 5367 6-7 and $n$.
${ }_{12-13}$ On the notary Philoxenus see 53678 n . The endorsement may be in his hand.
${ }_{14}$ Even though the name is given as $\Pi_{\dot{\alpha} \mu} \beta \eta \chi$ is in 7 , I have restored $\Pi_{a \mu} \beta \eta_{\chi \text { iou }}$ because this is the only form of the genitive attested to date.
 toponym ending -eiáסoc is attested ar this time. Besides PSI VIII $94^{8}(345 / 6)$, it occurs in unpublished documents of the seventh century. $\Gamma$ є $\mid$ ciá $\delta o c$, a Heracleopolite locality, should probably be eaduded.
N. GONIS

## 5369. Tor of Contract

$551 \mathrm{B.25(D)} / \mathrm{H}(5) \mathrm{a} \quad 16.4 \times 10.5 \mathrm{~cm} \quad 26$ April 548
The endorsement calls this document a ypapдátov, which indicates a financial transction. Only the top is extant, with the date and prescript, where an oil-maker addressos Apion II. One possibility is thar it is a sale on delivery (or loan of money with repayment in kind); $\subset$. SB XVI ${ }_{12585}$ (Oxy.; 557), which involves an oil-maker from an Apionic holding. It seems less likely that it was an ordinary loan; see above, 5368 introd.

5369 offers the earliest instance of the cpithet пavé́ф $\eta \mu \circ$ capplied to Apion II.
The text is written along the fibres.

$\Phi \lambda($ aоvîou ) 'Iouctiviavoû тoû aíwviou Aúyoúctou каi Aủтокр(áторос) éтоис к $\bar{\beta}$, tois









1. 1 .l

Back, downwards, along the fibres:



'In the reign of our most godly and most pious master. Flavius lustinianus, the eternal Augustus and Imperator, year 22, the 6th time under the consuls after the consulship of Flavius Basilius, vir clarisimus, Pachon 1 , indiction II, in the ciry of Oxyrhynchi.
'To Flavius Apion, the all-renowned and most extraordinary former consul ordinarius, landowner also here in the splendid ciry of the Oxyrhynchites, through Menas, oiketes, who puts the formal question and supplies for his own master, the same all-renowned man, the conduct of and responsibility for (the transaction), I, Aurelius Phib son of ..., mother Susanna, oil-maker, originating ...'
'Deed of Phib, oil-maker, son of ...'
2-3 The postconsular count ( -1 ) takes 543 as the first postconsular year; a parallel from 548 is $P$. Cair. Masp. 167095 (1.iv.548). Sec F. Reiter, ZPE 145 (2003) 232-s, 238.
 of this combination of epithets and titles of Apion II, which he retains until his elevation to the parri-



10. . ]. vo. [.]. I have considered [twá]prou (XVI 18954 (554) refers to a woman who was the daughter of loannes and Susanna), but $]$ ys not an obvious reading. What remains of this name in the docket is an upright with a short horizontal over it; it would be difficult to take the horizontal as a form of diaeresis, when the scribe used the double-dot version over iota everywhere else. Perhaps $\Pi$ [?
èac[oupy]géc. Cf. 12. Several oil-makers are attested in the service of the Apions, but the damage
after this line makes it impossible to know Phib's affiliation. Cf. E. R. Hardy, The Large Estate of Ryzantine Egypt (1931) I30-3s.
N. GONIS

## 5370. Lease of Land

$531 \mathrm{~B} .26(\mathrm{D}) / \mathrm{F}(\mathrm{to}) \mathrm{a}(\mathrm{x})$
fr. $14.5 \times 9.5 \mathrm{~cm}$,
Mid sisch cennury
+54 IB.26(E)/A(G)b
f. $228.5 \times 9.6 \mathrm{~cm}$
Plate XV

The subscription to a lease of the two-thirds part of an irrigator ( $\mu \pi \times a \eta^{\prime}$ ), no doubt with associated land, taken by a plurality of persons. It is written by Apollos son of Apanakios, who acts as the amanuensis also in 5374, and as the amanuensis and notary in 5376. The notary is probably Philoxenus. For leases of $\mu \eta \chi$ avai, which are generally regarded as leases of land, see LXVII 4615 introd., LXXXII 5331 introd., and cf. below, 5380 and 5383.

The rext is writeen along the fibres. On the back there are badly rubbed traces of the endorsement, written downwards, along the fibres.

$$
\text { ]. [ } c .6 \text { ].[ c. }] \text { ].[.].]. } \quad \tau \hat{\omega} v \pi \dot{\pi}
$$



 $\tau \hat{\omega} \nu \nu a o v i ́ \omega \nu$. $\tau \dot{\eta} \nu \delta \dot{\epsilon} \nu \nu \mu \eta \dot{\eta} \nu \tau \omega \hat{\nu} \pi \rho o-$






 тoû aủтoû
 ảто́тактоข аи̇тои̂ фópov évıavcíwe каi стосхєi


10

$$
(m .3) \notin d[t] \text { ems }[F i l o x] e n[u \text { etelioth }
$$

| 2 טjuv | $4 \bar{\mu} \mu \omega \nu$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

' ... the public charges on the land being the responsibiliny of your extraordinarincss who possesses it. And we shall perforce deliver the rent annually at the proper time without delay, also carrying out the raising of the irrigation carthworks. And the right of possession of all the aforesaid things we shall preserve free of injur; and damage and shall return to your extraordinariness just as we received it, all of us pledging to the right of this lease all our property present and future, in particular and in gencral, by way of pledge and by right of morigage. The lease, writen in rwo copics, is binding, and in reply to the formal question we assented.'
(2nd hand) 'We, the collective body of the aforewriten persons, have made this lease of the said two-thirds part of the said irrigator, and shall deliver its aforesaid fixed rent annually, and everything satisfies us as aforesaid. I. Apollos son of Apanakios, wrote for them at their request because they are illiterate.'
(Grd hand) 'Complered through me, Philoxenus.'
 кектәце́тр.


 appear that the persons named are considered to be representative of the whole community or that the community as a whole accepts lizbility for the agreement'. A. C. Johnson, L. C. West, Byzantine Egypt: Eronomic Studies (1949) 153-4, had earlier argued that the phrase referred to the 'village organization'. I think ir is more likely to be a mere formula used instead of multiple signatures, added by an amanuensis because of the signatories' illiteracy. A statement of the amanuensis follows every instance of the formula.
 graph subscriptions, and is followed by an illiterac' statement. The same may be implied by the addition
 and although the agreement is made by a single person, plurals are used in the subscription; in 25 , read

 tions in documents signed by Philoxenus and Victor. His dossier has been assembled by Azzarello (above, 53678 n .) $57-7 \mathrm{t}$. who argues that he was also a scribe who wrote some of the documenes signed by these notaries. Apollos also functioned as a notary himself: in 5376, the latest document attesting him, he acts as scribe, amanuensis, and notary.

10 [Filox]en $[\mathbf{u}$. The reading relies on the identification of a tall riser as belonging to $e$ and on its distance from emu. The presence of Apollos son of Apanakios is an additional argument.
N. GONIS

## S371. Deed of Surety

$\$ 51 \mathrm{~B} .25(\mathrm{C}) / \mathrm{D}(4) \mathrm{b}$
7 Sepiember ssi
The upper right-hand pare of a surery addressed ro Apion II by a trader in the village of Sephtha, who pledges for a person from the same village. This is the carliest document of this kind from the Apion archive that I have been able to identify in the collection; see also 5372 and 5373, from the same indiction year. It is curious that we do not possess any earlier Apionic
surecies, but this may be a mere accident: Oxyrhynchus has already yielded P . W/ah. Univ, 1 25 ( 530 ) and SB XVIII 13949 ( 541 ), which refer to other landowners; of. also XIX 2238 ( 551 ). The ext is written along the fibres. The back is blank so far as it is preserved.




Флаоиíш A A




| Aüpŋ̇入ıoc | c. 40 | бьатр\|аүратешоцеуос |
| :---: | :---: | :---: |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | . 50 | $\mu \eta]$ тpò Maúpac |

 c. 60


'In the reign of our most godly and most pious master, Flavius lustinianus, the eternal Augustus and Imaperator, year 25, the toth time under the consuls after the consulship of Flavius Basilius, wir clarissimus, Thoth 9 , indiction 15 , in the city of the Oxyrhynchi.
'To Flavius Apion, the all-renowned and most extraordinary former consul ondinarius, landowner also here in the splendid ciry of the Oxyshynchites, through Menas, oiketes, who puts the formal question and supplies for his own master, the same all-renowned man, the conduct of and responsibility for (the (tansaction), I, Aurelius .... conducting business at the village of Sephcha of che Oxyrhynchite nome. administered by your extraordinatiness, signing below in my own letters. I acknowledge by willing resolve and voluntary choice, swearing by God almighty and the piery of the gloriously uriumphana fortune, that I guarantee and pledge to your glory ...., mother Maura, him too originating from the same village of Sephtha, ...'

1-2 The consular count is the traditional one, which takes $\varsigma_{4}$ as the first postconsular year of Fl. Basilius; other Oxyrhynchite documents used other reckonings. See F. Reiter, ZPE 145 (2003) 232-5, 239.
 epithets and titulature applied to Apion II in this period; see above. 5369 s-6 n.
$\varsigma$ Probably only the names of the guarantor and his father and mother are lost in the gap; there is not enough space to supply an origo as well.

Ce $\phi \theta$ a. Cf. 8. The association of this village with the Apion estate is amply attested (RSON ${ }^{2}$ 333-6).
тарархоир (ध́v), I. лау-. Cf. 5373 8, 5377 s. 5378 s, 5390 9. On this term, sec LXX 4787 9-10 n. LXXXII 5337 7-8 n.

6 The line is short as restored but nothing else scems to have been lost.
 For other instances, sec 4787 11-12 n.
ivoofór $\eta^{2}$. The use of this abstract, appropriate for an ivסo£óraror, need not imply that one of


8 Crinded. The reading is secure, and contrasts with Ce $\phi \theta a$ (the common spelling in this period) in 5 . Aspirates... are occasionally strengthened by the insertion of the corresponding voiceless stop* (Gignac, Grammar i 100 ). This is more common with $X$ i P. Lond. IV $1419.29,1433(716 / 17)$ divai $\eta \mu \pi \phi \theta$ () seems to be the only other example of $\pi$ inserted before $\phi \theta$.
N. GONIS

## 5372. Deed of Surety

$97 / 93(\mathrm{a})+54$ 1B.26(E)/A(10)b fr. $110.3 \times 10.2 \mathrm{~cm}, \mathrm{ff} .210 .8 \times 7.3 \mathrm{~cm} \quad 27$ January 552
Two non-contiguous fragments preserve the top left and right parts of a surecy addressed to Apion Il. The guarantor is a trader (cf. 5371) and long-term resident of Oxyrhynchus; he pledges for a person who originates from a $\kappa \tau \eta \mu a$, certainly an Apionic holding.

One of the fragments comes from a box with papyri that Grenfell removed from various boxes of the first excavation season and 'rejected' from volumes XIV-XVI. The other comes from the boxes with exclusively Apionic documents which were sorted in the late 1920s; it is possible, however, that these had been cursorily checked by Grenfell.

The text is written along the fibres.

##  'Iovetเviavoû тoû aimviou <br>   <br>  रeouxoûvts <br>  غ̇тєрштผิทтос каі трос-

 tìs vióc
 х ${ }^{\text {óvou }}$

 $\kappa[a i$


Back, downwards, along the fibres:





In the reign of our most godly and most pious master, Flavius lustinianus, the eternal Augurus and Imperator, year 25 , the nth time under the consuls after the consulship of Flavius Basilius, vir clarisimus, Mecheir I , indiction is.
'To Flavius Apion, the most glorious and most extraondinary former consul ondinarius, landowner also here in the splendid ciry of the Oxyrhynchites, through Menas, oiketes, who puts the formal question and supplies for his own master the conduce of and responsibiliry for (the cransaction), I. Theodorus, trader, son of Pharesmanius, signing below in my own letters, residing for a long time here in the same ciry of the Oxyrhynchites. I acknowledge by willing resolve, swearing by God almighry and the piery of the gloriously triumphant fortune, that I guarantee and pledge to your glorious house .... originating from the holding ...'

Back: 'Surety of Theodorus son of Pharesmanius ...'
$2{ }^{2}$ trove $\bar{\kappa}[\epsilon$, roic ró ia. The number of the regnal year is restored on the basis of the month and the indiction (Justinian's dies imperii is : Apri); see CSBE ${ }^{2}$ iso. The consular year is retored following the pattern attested in 5371. but this is not the only possibiliry.

 is not used for Apion II elsewhere (for XV1 2019 1, see BL III 140).
 omission, cf. 53859.
$6 \Phi_{\text {apeçaviou. On this name, of Persian origin, see J. G. Keenan, ZPE } 193 \text { (2015) } 247 \text { (7 n.). It is }}$ found mainly in Hermopolite documents, and may point to the origin of the family of this trader, who is only a long-term resident as Oxyrhynchus.

7 If Xaipew stood before ó $\quad$ о $10 y$ ] $\hat{\omega}$ (c. 5373 9, 5378 6, [ 5390 10], 5395 7, 5396 8; contrast 5371 6. 5375 6, 5382 9. 5384 15), it will have been abbreviated, as it is in 53968.
 4787 11 n., P. Pintaudi 19.6 n.

7-8 For the oath formula, of, 53717 and $n$.
 rapá is normally followed by a reference to a person, usually in the form of an abstract; ef. 5371 7, 5373 It, 5375 8. etc.

N. GONIS

## 5373. Deed of Surety

```
54 1B.26(E)/C(s)b
    21.6 = 23.8 cm
                                24 August $52
    +531B.26(D)/F(2)a(1) & F(7)a
```

Another early deed of surery addressed to Apion II, but much better preserved than 5371 and 5372. Four persons, two of them being the headman and the secretary of the village of Sepho, pledge for two others from the same village; for a comparable situation, cf. 5378. As is commonly the case with sureties for persons originating from $\kappa \hat{\omega} \mu a t$ rather than émoikia, those under surety are not évaróypaфot; cf. 5378. 5390. 5395. They were previously held in the 'public prison' of the ciry of Oxyrhynchus (17-18), which is of some interest: except for 5373 and apparently 5375, all other Apionic sureties refer to the 'prison of the glorious house', but they are later in date.

The writing runs along the fibres. Scant remains of the endorsement are visible on the back, running downwards, along the fibres.







```
        каі є̇тєрштผิขтос
```



```
        є́voxír,
```



```
    Savindiou
```



```
        па́ขтєє
```


 то̀

 Coupoûv




 $\delta \dot{́} с о \mu \epsilon v$



 каі є̇ $\pi \epsilon \rho(\omega \tau \eta \theta$ évтєє)
 үрациатєن́oc
 троүєүра-



 1.............

| 1 ¢ $\lambda$ s | ט̇n | \$ $\lambda$ S, ланлр', iv |  |
| :---: | :---: | :---: | :---: |
|  | 6 (bis), 7 (bis) уїос 6 t] ${ }^{\text {duva }}$ | corr. from a ураднs | 7,21 im<7, 8 üro |
| 10 ¢ $\gamma^{\prime} \gamma$ uactas |  |  | 16 харокттреш: $x$ |
| corr, from $\kappa$ | 19 $\epsilon \gamma^{\prime} \gamma \cup \eta, \gamma \rho a \phi$, | 20 l. $\mu$ ci\}er iturac | 20, 29 l. урадцатекк |
|  |  | тoúr 23 l . Aheoûv |  |
| троиvaфероде |  |  |  |

In the reign of our most godly and most pious master. Flavius lustinianus, the eternal Augustus and Imperator, year 26, the iuth time under the consuls after the consulship of Flavius Bacilius, wir clare issimus, epagomenal 1 , indiction 15 .
'To Flavius Apion, the all-renowned and most extraordinary former consul ordinarius, landowner also here in the splendid ciry of the Oxyrhynchises, through Menas, oiketes, who puts the formal question and supplies for his own master, the same all-renowned man, the conduct of and responsibility for the uransaction), we, Aurelii Pamun son of Alcus, mother Helena, and lonas, secretary, son of Danielius, mother -cia, and Horus son of loseph and Pamuthius son of Phoibammon, all originating from the village of Sepho of the Oxyrhynchite nome, administered by your extraordinariness, greeting. We acknowledge by willing resolve, swearing by God almighty and the piety and victory of the gloriously triumphant forune, that we guarantee and pledge to your extraordinariness Aurelii Aleus son of Anup and Sourous son of .... originating from the same village, so that they remain continuously in the same village and by no means leave nor transfer to another place, but if they ane required of us on whatever day for whatever reason, we shall produce and deliver them in a public place in this city, withour recourse to holy precincts and imperial portraits and any place of refuge, where we have also received them, in the public prison of this cify: Or if we fail to do this, we acknowledge ourselves accountable to answer for all that is required of them. The surey, writen in a single copy, is binding, and in reply to the formal question we assented.' (2nd hand) 'Aurelii Pamun, headman, son of Aleu, and Ion as, secrecary, son of Danicl, and Horus son of loseph, and Pamuthius son of Phoibammon, the aforewriteen (persons), have made this deed of surery pledging for the aforesaid Aleus and Sourous upon all the (conditions) aforementioned in this surery, at our own risk, and everything satisfies us as stated above, and in reply to the formal question we assented and delivered (the contract). I, the same lonas, secretary, wrote for myself and ...'

1-2 The regnal (26) and consular (11) years are restored on the basis of the indiction; see CSBE ${ }^{2}$ 1so. Basilius' posiconsular year as restored follows the traditional reckoning, on the analogy" of 5371.

3 àmo ínátev ópobvapiu(r). The crfor may be due to confusion with the earlier description of Apion II in such contexts as únáre dpóıpapie (cf. 5369 s-6 n.).
 writen by a different hand.

8 Cedw. See RSON ${ }^{23}$ 37-9. This village's links with the Apion estare are amply attested.


9-10 For the oath formula, cf. 53717 and n .
${ }_{15-17}$ The closest parallel to this clause comes from XIX 2238 15-17 (ss1), which provides the basis for the supplements; for a similar case, of. 23-4 n . Cf. also 5379 2-3.

 other Apionic sureties from Oxyrhynchus refer to the prison 'of the glorious house', first in 5377 s-6 ( $\$ 65 / 6$ or $580 / 81$ ) or 5378 is ( $571-8$ ), though cf. the teferences in PSI VIII 953 ( 1.37 , ctc.), an account that most probably dares from $567 / 8$. ( 5373 is the papyrus mentioned in Hickey, Wine 95 n. 15.)

$20 \mu$ ri了 uvoc, I. $\mu$ eí̧wr. Village headmen act as guarantors also in 4787 (s64), 5377, and 5378; ex-headmen in $\mathbf{4 7 9 4}$ ( 580 ) and 5390 (s88). On the functions of these officials, see L. Berkes, Dorfverwalturg und Dorfgemeinschaff in Agypten von Diokletian en den Abbasiden (2017) 53-82.
 (Herm.; 362).


${ }_{25}$ A secretary subscribes on behalf of the collecive body of village adminisrriors in 1133 ( 50 ).
N. GONIS

## 5374. Lease of Land

$$
541 \mathrm{~B} .25(\mathrm{~B}) / \mathrm{C}(1) 2(1)
$$

«2/3 Plate XIII

The conclusion of the subscription of the lessees of an unknown number of anuras, written by Apollos son of Apanakios (see 53709 n .). The document was signed by the norary Victor. The date by month and indiction is given in his signature, but the name of the month, apparently written in shorthand (see 53678 n .), remains elusive.

The writing runs along the fibres. The back is blank.

## .[..].[..].[.].].[.].[...].[

 \$[bpov ......].[





```
4b= (ivoskriwroc)
```

'... this lease of the said aruras and we shall deliver the aforessid reat .... and everyhing srisifes us as aforesaid. I. Apoillos son of Apanakios, wrote for them at their requert because they are illierate.'
(2nd hand) 'Completed through me, Victor. (signst 14, indiction L.'

 phrase is used in the next line.

4 This notary named Victor was previously known from XIX 223829 (ssi) and LXXVII 5123 in ( $s s$ ); in the latter exx Victor also signs on behalf of illiterates and calls himself the son of Philorenus, no doubr the notary of this name. |Another instance is furnished by $541 \mathrm{~B} .25(\mathrm{~B}) / \mathrm{A}(3)$ a of $553 / 4$, edited by M . Mountford in her UCL. PhD thesis (zort); there too the amanuensis is Apollos son of Apanakios.| The signatures in 2238 and 5123 are discussed by Azzarello (above, 53678 n.) 62-4, who has improved the reading and revised the dating of 5123 . Victor writes the same shorthand signs atter ertioth in all of his signatures, followed in each case by a symbol indiating the name of the month, placed before the first Greek numerals. An idiosyncratic feature, which he shares with his facher Philozenus, is the shon strolke under the symbol for the indiction.

## III. DOCUMENTARY TEXTS

In view of the dates of 2238 and 5123 , indiction x in 5374 should correspond to $552 / 3$. The symbol for the month is ver" similar to that in 5123, where the month is Pachon or Payni; if one of the two months is to be recognized here, the date will be 9 May or 8 June 5s3-

N. GONIS

## 5375. Deed of Surety

13 1B.132/D(c)
$25 \times 22.8 \mathrm{~cm}$
18 June 557
A surety for two brothers, both of them adscripricii. The main interest of the docu-

 sul, mentioned in the prescript four lines above; furthermore, the epithet èvógóratoc indicates a rank lower than that of Apion II (though cf. above, 5372 3), and the functionary could have stated his affiliation as roû évó́fov oíkou. The cerm ov́cia is also uncommon in documents of the Apion estate (see below, 6 n .). It seems reasonable to assume that this is a different

 ктратэла́тŋс of chis name, carlier identified with Apion II; see further 4786 introd.

The text is written along the fibres. On the back there are the remains of novo lines of the


 $\boldsymbol{\gamma \in \text { ouxoüy } [ \tau ] ( \imath )}$
 каі $\pi \rho о с \pi о \rho i ́ \zeta$ оит (ос)
 Гéópytoc



 єủcêetav
 Aúpplíoue
 Maúpac



 $\pi \alpha ́ \subset \eta<$


 $\pi \in \rho \iota \beta o ́ \lambda \omega \nu$
 $\pi а р є i \grave{\lambda} \eta \phi a$,
 au่тoục




].є. [. . . т]оù


| 1 , |  |  |  | 31. ixtpurwirco |
| :---: | :---: | :---: | :---: | :---: |
| простор1管 |  |  | 8 ӥцшขйтєрфиєıа | to üpurine pduectac |
| 13 проснио |  | 20 amb | 21.1 .3 Amadt | урарие́voc |

'... Payni 24, indiction $\rho$, in the ciry of the Oxyrhynchi.
'To Flavius Apion, the all-renowned and most extraordinary former consul ondinarius, landowner also here in the splendid ciry of the Oxyehynchites, through Menas, oiketes, who pus the formal quacion and supplies for his own master, the same all-renowned man, the conduct of and repponsibility for (the transaction), I, Georgius son of Apollos of blessed memory, from the same cily, signing below in my own letters, superintendent and rent-collector of the estate of the most glorious Apion. I acknowledge by willing resolve, swearing by God almighty and the piety of the gloriously criumphant formane, that I guarantec and pledge to your extraordinariness Aurelii Anuthius and Philes, tull brochers, of baher Phoibammon, mother Mauta, registered farmers of your exraordinariness, originaing from the hamler of ..., belonging to you in the Oxyrhynchite nome, on condition that they remain in the sid holding with their dearest ones and wives and animals and all their houschold stuff, ... everything that perains to their persons, that is, the condition of the adscripticius, whom, if they are required of me. I shall produce and deliver in the public prison of this ciry, without recourse to holy precincts or imperial portrics of any place of refuge, where I have also received them. Or if I fail to do chis, I shall be accountable to answer for all that is required of them, having pledged for the legal force of this surrey all my belongings, present
and furure, in particular and in general, by way of pledge and by right of mortgage. The surety, written in a single copy', is binding, and in reply to the formal question I assented.' (2nd hand) 'l, Georgius, son of the blessed Apollos, the aforewritten (person), ... the aforementioned Anuthius and Phileas ... as aforesaid ..."

1 As the patriciate is absent from Apion IT's titulature, this indiction $s$ should correspond to $\$ 56 / 7$.
4 The dicolon is placed in the same position in 5390 7. It recurs below in 8 , again before names. For other examples, see G. A. J. C. van Loon, BASP 54 (2017) 131 .
$\Gamma$ eipproe is not sryled an Aurelius, unlike the persons under surery. For other estate functionaries not identified as Aurelii, see LXIX 47547 ( 572 ) of XIX 22396 ( 598 ); there is no need to assume that he was a clergyman. Cf. 5395, where the guarantor appears withour a gentilicium though as a civil servant he would have been a Flavius.
 see above, introd. The term ovicia is not used for the Apion estate at this time, though cf. 53772 and n .
insecipevos represent various Oxyrhynchite nobles and estates in this period: the Holy Church of Oxyrhynchus in XIX 2238 (ssi); the patricia Fl. Maria in 4754 (mentioned after a $\delta 10<\kappa \eta=\eta \dot{C}$ ); the domus divina in XV1 1892 ( 581 ); cf. also 2239, a work contract of an iтькеípevoe with the stratelates Fl. loannes. We do not find many intкєiцєvos in the service of the Apions; the evidence is collected in LV 380535 n . On the other hand, évotrodó $\mathbf{\gamma o t}$, collectors of rents of ciry properties, are more familiar. LVIII 3958 (614), a work contract for an evorkodóyoc with Apion III, is important for our knowledge of this function; see also the discussions in LVI 38707 n , and CPR XIV 45 introd.

7-8 For the oath formula, cf. 53717 and $n$.
10-11 imoixiov . .|| 6.8 . The first letter of the name of the hamlet may be xi or zera.
19 . . . . . .vr]ac. E.g. $\pi \lambda \eta \rho \circ \underline{v} v r$ lac would fit but there is no precise parallel.
14 тapoicu is attested in a small number of sureties; mapaфépw is commoner. Cf. 539516 , and see LXIX 4757 s n.; L. Berkes, /JP 44 (2014) 76 ( 5 n.).
 is not exaculy paralleled. The reference to the prison comes afier mapeinךфa in 5373 17, though contrast 5378 15, which has it after T]apad́úc[o] $\mu$ er; df. also P. Pintaudi 19.23 . XIX 223816 and apparently 5373
 we need a refetence to the prison. On this prison, see 5373 17-18 n.

21 ị лроүpeypapévoc. The reading is difficult; what is printed builds on a suggestion of S. Kovarik.
22 Surface damage and the inexpert handwriting stand in the way of decipherment. If a common

N. GONIS

## 5376. Receipt for an Axie

$531 \mathrm{~B} .26(\mathrm{D}) / \mathrm{D}(8) \mathrm{a}(\mathrm{I}) \div \mathrm{F}(\mathrm{II}) \mathrm{a}(\mathrm{I})$
$23 \times 13.6 \mathrm{~cm}$
s60/61
Plate XIV
This is the first document to attest a well-known scribe as a notary: the body of the text and the subscription are written by Apollos son of Apanakios, and the signature of the notary who identifies himself as 'Apollos, contract-writer' is in the same hand.

The writing runs along the fibres.


 $\pi \lambda \dot{\eta} \rho(\omega c \iota \nu)$


 сєшс). каi $\pi$ ро́с

 Гє́́pytoc viòc Avout
 ăそоva каi



 etelio( $t$ ) $h(e)$ /II

Back, downwards, along the fibres:
хєıроүрафía

1. àmó....

ข́mo

| $2 \ddot{\mu} \mu \omega \nu$ | 3 avamivo 6 emivs | 7.9 хє ¢оорраф 8 пиря апи |
| :---: | :---: | :---: |
| 8, 10 vioc |  |  |
|  |  |  |

'... of its affairs, (provided) the said axle, bought by me, its price put down to me by the dependants of your extraordinariness, new, serviceable, suitable for irrigation, satisfactory. (whid) I recived as completion of all the irrigation implements on this very day, which is ... of the current yeat 237/206 of the present ninth indiction, for the irrigation of the crops of the God willing tenth pinemris. And in declaration of the receipt I have made this cheirograph, which is binding, written in a single cops, and in reply to the formal question I assented. I, Aurelius Georgius son of Anup, the aforewrinen (person), have made this cheirograph, having received the axle, and everything satisifies me as foressid I, Apollos son of Apanakios, wrote for him at his request because he is illiecrate.'
(2nd hand) 'Total one axle, given to Georgius from ...'

## III. DOCUMENTARY TEXTS

(ist hand) (Greek alphabet) 'Completed through me, Apollos, contract-writer.' (Roman alphabet) 'Completed through me, Apollos.'

Back: 'Cheirograph (of Georgius son of Anup?) from ... for the receipt of one axle'.
1-2 The wording of the clause is not exactly paralleled, but may be compared to that of 1197


 (cf. e.g. 5393 17), but ìv àpoic was not written here (nor was кai affer ẹpoû); è è apoic is also missing from XVI 198917 ( 590 ).
; Year 237/206 $=$ indiction $9=560 / 61$.
in On such annorations sec $L X X 4788$ 31 n., and d. below, 538532.
I $]$ ]eroc: $7[\mid][$ !! roc or even $\Psi$ 世itoc (both tentatively suggested by A. Benaissa) would suit, but they

${ }^{12}$ Apollos' signature follows the same digraphic pattern as Philoxenus' in 5365 and 5367; see above. 53678 n .
${ }^{13-14}$ The rypical structure of such endorsements is $x$ etpoppaфia $\&$ name of the recipient of the replacement part + his origin + ino $\delta o \chi \hat{\eta}$ + name of the replacement part. $\Gamma$ єшpyiou uiov̂ Avoun would not fill the remainder of the lacuna in 13. The traces afier ànó do not match what is read of the place name in II .
N. GONIS

## 5377. Deed of Surety

12 1B.136/G(a)
$21.3 \times 16.3 \mathrm{~cm}$
$565 / 6$ or $580 / 81$ Plate XIV

This is an unusual document, apparently a surety (see 9 n.) but phrased differently from others of this kind. It concerns someone who was to be brought to prison if he failed to pay his taxes; the surety may have been drawn up after a missed payment. It is unclear whether this person had been in prison; see $5-6 \mathrm{n}$. The documene was signed by Pamuthius, headman of Tampeti, the guarantor in 5378. A point of special interest is the probable reference to the 'estate part' of a village; see 2 n .

The text is written along the fibres.

$$
\begin{aligned}
& \text { öcтıc [. . . ]үє }
\end{aligned}
$$


 $\dot{\omega} \mu о \lambda(o ́ \gamma \eta с а) .+$



Back, downwards, along the fibres:


-... nome, administered also by ... glorious house, who (of the?) farmers of the errate parr of my village, if he should be at a loss as regards the taxes of the fourteenth indiction paid by him-on condition that I present and deliver him without (recourse to) a letrer of safe-conduct in the prison of your glarious house, but if 1 do not do this, on condition that I pay from my home his tax of the same foureenenh indiction to your extraordinariness at my own risk and that of my own belongings. The surefy, wrinen in a single copy, is binding, and in reply to the formal question I assented.'
(2nd hand) 'I, Pamuchius, headman, son of the blessed Asocius-everything aforewritten is satisfactory as aforesaid, and I pledge for ...'

Back: (ist hand) '... Tampeti ... of the glorious house.'
 ment indicates that the village is Tampeti, which is also where Pamuthius aperaco. ]. [is a long descendet,
 18, $21(583)$, but it seems too short for the space.

[^4]
## III. DOCUMENTARY TEXTS

 like. Instead the scribe switches to the familiar construction with eimi tē. Cf. 5396 12-13 and n .

5 mapay[ $[$ cr]ecir (read by WBH) has no parallel among Oxyrhynchite sureties, and is attested only in those from Aphrodiro: see e.g. P. Cair. Masp. 11167296.9 ( 535 ) or P. Flor. III 284.10 ( 538 ).
$\delta_{i x}[a]$ dóyou. The closest parallels to this use of the phrase come from the seventh century. See LXX 4802 13 n.; add XV1 1979 = SB XXVII1 17002.19 (614). 1979 and 4802 (and 4801) are the work of the same scribe, whose hand is very similar to that of 5377, as WBH observes. If the same scribe is roponsible for all these rexts, 5377 is unlikely to date to $565 / 6$; but it is difficult to be sute about the identification when the texts are dated so far apart.
 $17,53978-9$. If the text dates from $565 / 6$, this will be the carliest attestation of this prison; see further $5373_{17-18 \mathrm{n}}$. WBH obscrves that the omission of ěvaa aúròv каi mapeinŋŋфa or the like is unparalleled elsewhere in sureties where a prison is mentioned.




9 !ryin suits the traces better than of
10 There is no room for èdax(uctoe) in the lacuna; contrast 5378 18. The hand of the subscription is the same in both texis.

II ḍva

 cannot be read). This is the beginning of the oecupation of the person under surecy, who will presumably have been an employee of the 'glorious house'.
N. GONIS

## 5378. Deed of Surety

13 1B.130/C(2) $1+76 / 10$ (1B.130/C(1))

$$
37.3 \times 28.5 \mathrm{~cm}
$$

c. $571-8$

Plate XVIII (II. 18-21)
A village headman who also appears in 5377, a steward of a new monastery, and a secretary, all three from the village of Tampeti, submit this deed of surecy for cight persons from the same village. None of them is an adscripticius; what is remarkable is the reference to their
 papyri but known from the codes.

The document is addressed to FI. Apion II. The date clause is lost, but the reference to the 'New Ciry of Iustinus' (2-3; 6), the name that Oxyrhynchus took under Iustinus II, places the text berween 571 and 578 (see $1 \times X I 48358 \mathrm{n}$.).

The text is written along the fibres.












 'Ovvш́фpıov viòv 'A





















```
        троүєу[\rhoа\mu]\muє́voc c[тоו\chi(ei)
    (m.3) + I\omegaávvov oíovớ(\muoc а]\mua B\etaс v[ioc т]oû \muака\rho[íve] Mav́\lambdaov ó
```





```
(m.5) * di c[m]u [Io]ahnnu su[m]b(olaiographu) etel(iothe)f
```

Back, downwards, along the fibres:

#  то[i] $]$ то́тои  


'... To Flavius Apion, the all-renowned and most extraordinary former consul ordinarius and parricius, landowner also here in the New City of lustinus, through Menas, oiketes, who puts the formal question and supplies for his own master, the same all-renowned man, the conduct of and responsibility for (the transaction). Aurclius Pamuchius, headman, son of Asocius, and loannes, steward of the (holy) place of saint Ama Bes, son of Paulus, and Anuthius, secretary, son of another Pamuthius, all three originating from the village of Tampeti of the lustinopolite nome, administered also by the glorious house of your extraordinariness, greeting. We acknowledge by willing resolve and voluntary choice, swearing the divine and august oath, that we guarantee and pledge to your extraordinariness, through your subordinates, Aurelii Victor son of Phib, and Onnophris son of Apollos, and another Apollos son of Calammon, and Philoxenus son of another Calammon, and Pamun son of Hareotes, and Isac son of Pamuthius, and -eius son of Psecius, and another Onnophris son of loannes, themselves too originating from the same village, on condition that they shall remain continuously and abide in their village with their wives and dearest ones and animals and all their things, being responsible for everything that perrains to their persons, that is, the condition of the villager; and they shall by no means Jeave the same village, but if they are required from the guarantors by your extraordinariness because of their taxes or another reason we shall produce and deliver them, or the one of them who is required, at the prison of the same glorious house, without recourse to any place of refuge, where we have also received them. Or if we fail to do this, we acknowledge ourselves accountable to answer for all that is required of them, waiving the privilege of guarantors, at the risk of our belongings. The surety, written in a single copy, is binding, and in reply to the formal question we assented.' (2nd hand) 'I, Pamuthius, the least headman, son of the blessed Asocius, the aforewritten person-(the present surery?) is satisfactory (as aforesaid?).' (3rd hand) 'I, loannes, steward of Ama Bes, son of the blessed Paulus, the aforewritten person-the present surety is
satisfactory as aforesaid.' (4th hand) 'I. Aurelius Anuthius, secretary, son of Pamuthius, the aforewrinen person-the present surety is satisfaciory as aforesaid.'
(sth hand) 'Completed through me, loannes, contract writes.'
Back: 'Surery made by Pamuthius, headman, and loannes, stewand of the (holy) place of saint Ama Bes, and Anuthius, secretary, ...'

1 Exiguous remains of the last line of the date clause.
 tion (18), which implies that he was a clergyman, but the body of the document makes no reference to this status and groups him with the Aurelii. The clergy was involved in village administration, but there is no evidence that they held one of the usual offices at this level; see G. Schmelt, Kirchliche Amesmaiger im spāuantiken Ägypren (2002) 309-16.
 in VI $893=$ M. Cbr. 99.ri; the online image does not confirm a reading of his father's name as Acculion $v$ but does not disprove it either. The hand is comparible with a date in the second half of the sixth century
 possible attestarion comes from XIX $2244 \mathrm{~B}_{\mathrm{I}}-5$. which refers to axles supplied to Pamuthius, $\mu$ eitwo of Tampeti, on Macheir 16 and 17, indiction 6-9-10 August ss8 (the latest possible date for this document is $s s^{8}$; see ZPE 190 (2004) 201).
'Acociov: spelled 'Acw[tiou] in Pamuthius' subscription in 18i cf. also 5377 ıo. This variation in che spelling is actested elsewhere. Cf. also LXX 4798 ऽ Пacweíou and n .
 antor in XXVII 2478. The cerm тónoc no doube refers to a monastery. Ama Bes is known from a Coptic inscription: see T. E. Peet, W. L. S. Loat, The Cemereries of Abydos iif (1913) 39 (B.2.11).

з Талтеть. Cf. 5377 ız. See LXX 4785 ıи п.; RSON ${ }^{2}$ 366-8.


 the verb, 5371 ; $n$.

8-10 The persons under surery are eight in total. Among texts of this period, only the Assinoite CPR X 127 ( $58_{4}$ ) has a larger number, viz. twelve or more.

10 [. . . ]eiov: e.g. [Aco] $]$ coy, as in 4.

 Justinian's Norella 38.6, issued in 536 , but not much is known about what it entailed.

14 There is no parallel to the clauses contained in this line. (The rranscript incorporates suggextions by S. Kovarik and WBH.)


There is no room to restore kai hórou at the end of the line; cf. 538427, VI $996=S B X V 1124 \$ 17$ (both s84), P. Pintaudi 19.24 (Oxy; v/vil), PSI 161.29 (Oxy; 609).

 plurat; it is remarkable that they are rarcly found with these words. The closest parallel I have found is BGU I $308=$ M. Chr. 278.14 (Ars.i v/vi [revised dating, based on the hand]); enege scems a possible reading on the online image, and for $\omega \mu 0{ }_{H}$ sec BL VIII 22, enєeg recurs in 5373 19: $\mathcal{C}$ a ako P. Princ. III

I45.10 (Oxy: [provenance afier A. Ghezzo]; vi), SB XXIV 16288.19 (Ars.; 600), SB XIV 1219424 (Ars.; mid vir (date after S. Kovarik]).





21 On the notary, see 5379 8-9 n.
N. GONIS

## 5379. Deed of Surety

53 1B. $26(\mathrm{G}) / \mathrm{E}(8) \mathbf{2}$
$29.6 \times 15.1 \mathrm{~cm}$

570s?
Plate XX

Only the concluding part of the surery survives; it refers to a plurality of persons guaranteed by a 'collective body' of people. The notary, Ioannes, also signed 5378; his signature there has been deciphered thanks to the present document, where it is fully preserved. loannes also wrote on behalf of the illiterate guarantors, and he may be the amanuensis of this name known from other documents; see further $8-9 \mathrm{n}$.

The exx is written along the fibres and the back is blank.


 по́лєшс е̇кто̀
 фuגaкñ toû
 єlyaı тâcı [roíc трóc



 ${ }^{\ell} \gamma \kappa \in \varsigma[\epsilon](\nu \eta \nu)$
 $\delta \nu \tau(\omega \nu) .+$

* di emu loabnutu sumb(olaiographu) etel(iothe) $f$
 ауранцяогтз
'... if they are required of us by your extraordinariness on any day, for any reson whasoever, we shall produce and deliver them in a public place in this ciry, without recourse to holy precinet and imperial portraits, where we have also received them, in the prison of the said glorious house. Or if we fiil to do this, we acknowledge ourselves accountable to answer for all chat is required of them. The surery, written in a single copy, is binding, and in reply to the formal question we assented.' (2nd hand) 'We, the collective body of the aforewritten persons, have made this surety pledging for the aforewritten Apahorus and Tuan in accordance with the power contained in it as aforesaid. I, Loannes, wrote for them because they are illiterate.'
'Completed through me, loannes, contract writer.'


$8 \rightarrow$ The amanuensis and the notary are one and the same: name and hand march. Several notarie called loannes were active in Oxyrhynchus in the second half of the sixth century and the beginning of the seventh: seven are listed in Byz. Not. pp. 81-2 (see further LXVI 453637 n., LXX 480020 n., and LXXXI 5288 30 n.). None of their signatures can be immediately recognized as the same as those in 5378 and 5379, which contain some idiosyncratic features: loannes writes laabmn, for Iohann: the wof emu is suprascript and has iss right arm exaggeratedly extended upwards; sumb (olaiogruphus) is added; and etell(iothe) is distinctively abbreviated. Only the signature in PSI VI 709.32 (566) = Byz. Nor. Oxy. 9-4. comes close, though it is largely damaged and shoner in length than those in 5378 and 5379 . However. the hand of the amanuensis in PSI 709.27-31, who is also called loannes, is very similar to thas found in 5379. Also very similar, if not the same, is the hand of the amanuensis loannes in XVI $18964-\mathrm{f}(\mathrm{s} 7)$, who introduces the subscription with the same phrase as that used in 5379 6; but the notarial signature is too damaged to allow an identification. I am more ambivalent about che amanuensis in LXII 4351 t7-18

 for an illiterate in PSI I 77.36 , probably of $\varsigma \varsigma 1$, and the signature of the notary loanne is unparilleld.)

N. GONIS

## 5380. Lease of Land

$646 \mathrm{~B}, 60 / \mathrm{B}(\mathrm{I}) \mathrm{a}$
fr. $129.9 \times 23.2 \mathrm{~cm}$
; Novernber $7^{8}$
A lease of an irrigating machine ( $\mu \eta_{\chi} \times \stackrel{\sim}{\eta}$ ) with a cistern, well, and other irrigaing implements, as well as a number of aruras associated with it; cf. 5370, 5383. The rent is payable in wheat, and there are provisions for extra payments. The lease's duration is not specified and was presumably indefinite. No reference to a rent-roll ( $\dot{\alpha} \pi a, \tau \boldsymbol{\eta} c \mu \mu \nu)$ survives. The two lessess originate from an Apionic hamlet, and their guarantor is an adscripticius from the same locality; it may be due to inadvertence that they are not themselves called adsrripsicii. The text is faulty throughous: it is writren as if there were only one lessee (cf. 5384), and there are many spelling errors and some garbled Greek. This complicates reading and reconstruction, and the text is not always recoverable (l am indebted to Ben Henry for a number of joins and readings).

## III. DOCUMENTARY TEXTS

5380 offers the earliest reference to Apion II as dead. He was last heard of as alive on 25 March 578 (LXX 4791), and his heirs first appear on 19 January 579 (LXX 4792). The unusual address, with Apion described as 'of glorious memory' (see below, 4 n .), is in line with the erratic character of the text, but may also indicate that Apion's death was very recent and there was uncertainty over who was in charge of the estate.

A further point of interest comes from the regnal date clause, which offers the latest reference to lustinus II as alive, one month after his death ( $\dagger$ s-x. 578 ). The earliest Egyptian record of the sole rule of Tiberius II is furnished by 4792, mentioned above.

The text is written along the fibres. An informal account was written on the back.
Ft. 1




 $\theta$, ivo(ıктímvoc) $[$ i $\beta$.




 vióc Epatw[




тทิc ข̛p

10








 каі $\pi$ танто̀ étépov סıкаiou
 «́poupûv c. 9


 àpтáßac c.is


Fr. 2
. ...]!коч є. $\pi$. .[.].[

 . .]o. $\nu$ т


Fr. 3



 (vac.)

Ft. 1





Fr. 3


## III. DOCUMENTARY TEXTS

'In the reign of our most godly and most pious master, greatest benefactor, Flavius lustinus, the eternal Augustus and Imperator, year 13, in the consulship of his serenity for the 2nd time, and of Flavius Tiberius alias Novus Constantinus, our most fortunate Caesar, Hathyr 9, indiction 12.
'To Flavius Apion of glorious memory, landowner also here in the New City of lustinus, through Menas, oikeres, who puts the formal question and provides for his own master, the same all-renowned man, the conduct of and responsibility for (the transaction), Aurelii S-... son of Apollos and Phileas son of Eras(?) ... from the hamlet of Petroniou of the New Citry of lustinus, with, as guarantor who undertakes the responsibility for them in respect of the return of the $\rangle$ mentioned below, me, Aurelius Touan. .... son of Philoxenus, from the same hamlet, a holding of yout extraordinariness, a registered farmer of yours. greeting. Voluntarily ! undertake to lease from the current year $255 / 224$ of the present melfth indiction, for the sowing and collection of the crops of the God willing thirteenth epinemesis, from the possessions of your extraordinariness that lie in the fields of the said holding to the east of ... an irrigater called "Ap-", fired with all the wooden equipmens and iron fittings, along with the whole cistern simated in it and the well and wheel and the machinery of the irrigator and the plants of all kinds and every other right of it along with the ... aruras farmed with and dependent upon the same irrigator, and I shall pay to yout extraordinariness in respect of fixed rent on them every year, for Nilc-watered as well as unwatered land, ... anabas of wheat from good produce, sieved ...' (Fr. 2) '... the festive paymenes and all the ... The rent is free of all risk, with the public charges on the land being the responsibility of your extraordinariness ...' (Fr. 3) '... in particular and in general, by way of pledge and by right of mortgage. The lease, writen in a single copy, is binding, and in answer to the formal question I assented. ... I. ... have made the lease ... Through me. ...'

2 \&r $\{0 \mid u f$ ety. The regnal yeas figure is restored on the basis of the Oxyrhynchite cra year and indiction mentioned in 10 .

2-3 For the restored names of Tiberius II, see 47894 n .
${ }^{3} \mathrm{Ka}[$ ícapa, I. Kaicapoc. A blank space follows, probably left so intentionally rather than the result of abrasion. The regnal year of Tiberius II was apparenily not written, as was standard practice in Oryrhynchus in 576-7. His regnal year is first recorded on 10 May 578 (VIl 1042), and perhaps already on $n$ January (LXX 4790; the reading is uncerain), but on : February the ycarless clause is attested in LXXC 4836. It should be noted that the scribes of 4836 and 5380 are prone to error.

4 The length of the lacuna, the references to a single landowner in 4-6, and the manner in which Apion If wasseyled in carlier documents indicate that Apion himself was addressed and not his heirs (conurast LXX 4792, from rwo months later). It is less likely that the text was addressed rwoum ou $\boldsymbol{A}_{\text {ríconoc, as }}$ in posthumous references to Apion 111
 12-13, where the same phrase is generally thought to apply to Apion II, and LXIII 4397 s8 ( 545 ), for the late Strategius II, though other epithets are used as well.

Nié, with nu cotrected from lambda. Presumably the seribe first thought of $\lambda a \mu \pi \rho g ̆$, the standard epithet of Orythynchus except for the time when it was called Néa 'louctivou nödec (cf. 5378 introd.), of which this document offers the latest instance.

6 Eратш|. Perhaps Eратш[c, for 'Epäroc, a name not common in this period, or 'Hрâтоe.

inook(iov) Пetpoviov. This hamiet is attested only in Apionic documents; sce RSON 280-81.
 point; d. e.g. 53786.
$\mu \epsilon \tau^{\prime}$ ' $\gamma$ yetoû (I. 'ryumpoû). On guarantors in leases of this period, see P. Paramone 18.6-7 n. Cf. 5383 off.

8 aưrueg for aviroưe is what we expect at this point. The leter afier omega is not nu.




و iva of the lessees, bur since they all originate from the same hamlet, described as an Apianic hoiding, it is likely that everyone was an êvanórpaфoc. For a similar problem see 5383 i4 n. ivanórpadou who naturally originare from epoikia, lease land from aristocratic landowners in LCOII 5331 (474), 5332 (4\$0). and LXVII 4615 (sos); contrast P. Flot. III 325 (489), where the lessess come from a $\kappa$ ripa bur nothing is said about their status. In receipes for replacement parts of irrigators, those who state that thry have irrigators under their charge and come from epoikia are generally ivanóypaфou, though there are a very few exceptions; see Hickey, Wine 82 n. 119.
t2-15 On chese clauses, ff. P. Berl. Zill. 7.14-17 (574); sim. 5383 18-20.

Ft. 2



Fr. 3
4 The notary's signature was certainly in Greek.

N. GONIS

## 5381. Annual Account of an Estate Overseer

$531 \mathrm{~B} .26(\mathrm{D}) / \mathrm{C}(\mathrm{t}) \mathrm{b}+(\mathrm{s}) \mathrm{b}+(6) \mathrm{a} \quad$ frr. $1+221.6 \times 19.9 \mathrm{~cm} \quad{ }_{8}^{81}$
Plate XVI (fits 1+2)
Several fragments from the top of an account of income and expenditure submitted by a pronoetes to Praeiecta, Apion, and Georgius; cf. 5391-2. All the fragments belong to the section that concerns receipts, in wheat and money. Frr. 1-2 come from the first column; frr. 3-6 are parts of different columns, but their relative position and the extent of the gaps berween them cannot be determined. A number of fragments with scant remains of text are not included in this edition (two additional scraps at $\left.\xi_{3} 1 \mathrm{~B} .26(\mathrm{D}) / \mathrm{F}(9) \mathrm{a}\right)$.

The account offers an unexpected glimpse into the issue of the succession of Apion II and the administration of his estate. It dates from a time when legal agreements are addressed to the heirs of Apion II without naming them; these heirs, later termed 'successors', remain on record as late as 21 October 588 (5390). Praciecta, Apion, and Georgius were already antested in XVIII 2196, an account of a pronoetes for $586 / 7$ written in late 587 or carly 588 (see below, 1-2 n.); this was commonly taken to signal a new phase, especially since Praeiecta and Apion appear in legal agreements in late 589 and early 590 . It would now appear that the unnamed
heirs were Praciecta, Apion, and Georgius. The area under the pronoetes responsible for $\mathbf{5 3 8 1}$ is also attested in I 136 of 583 , a work contrace for a pronoetes who addresses Apion II's unnamed heirs in the prescript. The same area and pronoetes recur in 2196. It is also significant that the accounes 5381 and 5391 were found with the documents addressed to these heirs and successors; they all derive from the central office of the estate. This need not imply that Praciecta and her sons inherited the encire estate of Apion II, for which there are indications of division (ef. Hickey, Wine 97); but we may be confident that they were in control of the ceneral estate office at Oxythynchus, and probably of the majority of the Apionic holdings in the region.

A further point of interest is that Apion and Georgius are syyled èvookózazoc; contrast 2196 and 5391, where chey are both called inazo, while thanks to 5386 wc know that Apion was a ünator by late 585 . Praciecta's consular rank reflected her husband's; we now see that the children of consuls were not consulares by descent or were not elevated to the status of their parents as soon as that increased; only the emperor would have conferred the dignity of honorary consul.

The text is written along the fibres. All the fragments are blank on the back.
Frr. $1+2$
 $\Gamma \epsilon \omega$ рүі $\psi$



$s$





1




. . . . . . . . f .[
Fr. 3

$$
\begin{aligned}
& \text { ] } \dot{\alpha} \pi \dot{o} \tau \hat{\eta} c a \hat{v}(\tau \hat{\eta} c) \kappa[\dot{\omega} \mu(\eta c)
\end{aligned}
$$



$-\omega] v \gamma \in \omega \rho \gamma(\hat{\omega} \nu) \delta(\stackrel{a}{a}) \Phi_{0 \iota} \beta a ́ \mu[\mu \omega \nu \circ c$
10

$$
(\dot{v} \pi \dot{e} \rho) \text { à] }] \text { отáк } \tau(o v) \chi \omega \rho(i \omega v)[
$$

]є. .[. . . ]apєov . [

Fr. 4

5

10

Fr. 5
Fr. 6

 $\pi(\alpha \rho \dot{a}) A \pi o d \lambda[\omega-$ $\pi(a \rho \dot{a}) K \omega[$
5] círov [(ápráßaı) círou [(ảpráßal)
círov (à $\rho \tau$ а́ßaı) $\beta \backslash d /[$ círou (ápтáßaı) $\lambda \delta \backslash[$ cír[ov] (d̀ $\rho \tau \dot{\beta} \beta a \imath$ ) ıa [ ] $\nu 0(\mu.) \in[][$ ] $\nu(\mu).[$

$$
\begin{aligned}
& \text { ] Матрєи [ } \\
& \left.\Phi_{0 ı} \beta\right] \text { á } \mu \mu \omega \nu \text { ос каі ко }{ }^{2} \nu \omega \nu \hat{\omega} \nu \\
& \text { ] } a \mu(\text { ( ) } \gamma \epsilon[ \\
& \text { ]. vou am [o } \\
& \text { ] Фоィва́ } \mu \mu \omega \text { [V. . . . ].[ }
\end{aligned}
$$

Frt. $1+2$


Fr. 3

| 100 | $2-4$ - ${ }^{\text {2 }}$ | 2 кшня | $7 \pi \rho \in ¢ \beta v]$ \% |  | 9 yewprysd |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 10 a]moтакт |  |  |  |  |  |

Fr. 4

Ff. 5
$1 \lambda$ 4-10~
F7. 6
Col. i
$9-10$ से
Cal. ii
$1-2,4 \pi^{\prime}$
Frr. $1+2$
'To Flavii Praciecta. the most extraordinary consuless, and Apion and Georgius, the most glorious, landowners also here in the splendid ciry of the Oxyrhynchites. Account of receipts and expenditures made through me, .... overseer of Matreu and (of those) in the village of Episemou and in the village of Adaiou and of other ourside places in the 14th indietion, year 257/226. Receipts as follows:
'From Papnuthius ... and from $14^{1 / 3}$ sol. ... of which (there were) given ...
'From P-... Palcus ...
'From Papnuthius ...
'From the community of the farmers of the holding of Licyus through ...
'From Palcus ... through Amaêius
'From Papnuthius ... for fixed rent on vincyards ...'
Fr. 3
-...Episemou, as follows: / ... from the same village of Episemou ... / ... from the same village ... / ... from the same village ... / ... foreman ... / ... -eus from ... / ... presbyter and associares ... /... presbyter from the same village ... / ... farmers through Phoibammon ... . ... for fixed rent on vineyards ...'

Fr. 4
'... from the same village of Adaiou ... / ... from the same village of Adaiou through Apo- ... ' ... Matreu / ... Phoibammon and associates ... / ... / ... from ... / ... Phoibammon ... / ... from the same holding ... I ... from the same holding ... I ... Elizs from the same holding ...'

Fr. 5
Arrabas of wheat: $1711 / 2(1.4) ; 21 / 21 / 4(1.7) ; 341 / 2$ (1. 8); $11\left(\oplus_{?}\right)(1.9) ; \ldots 1 / 4(1.10)$.
Fr. 6
… $\rho(+$ ? sol. / ... sol. / ... (col. ii) From Petrus and associates ... I From Apollo- ... I .. / From Co-...'

Frr. $1+2$
I-2 The address parallels XV111 $2196 \mathrm{I}-2$ ( 587 ) and $5391 \mathrm{I}-2$; ef. also XIX 2243 a 86 ( $591 / 2$ ). The two previously published items call for comment.

2196, which reads like a summary account of a pronoetes (F. Morelli, Pap. Congr. XX (1994) 488 n. 3), is addressed to Praciecta, Apion, and Georgius, refers to indiction $986 / 7$, and was probably writen shortly thercafer (Hickey, Wine $16 \mathrm{n}, 103$ ), but still within the period when Apion Il's nameless heirs or 'successors' are mentioned. Though it was writen as a scribal exercise (Hickey, ibid.. and 128 with n . 154). there is no need to assume that it refers to later circumstances.

2243a 86 ff . is also a scribal exereise written on the back of a headless pronoeter account (the heading must have been contained in a separate coll, as col. i is the first of a roll). The address runs $\Phi_{\lambda}$. Прaieiкт刀,

 visible. Comparison with the account on the other side, which refers to indiction $9=590 / 91$ (but will have been writen in late 591 or early 592 ; cf. below, 6 n.), makes é [váme plausible. The otiose кai and the plural implied by raveude may suggest that the model was a phrase that included Grorgius, from the heading of an earlier account. If not. and eefvárye was a defensible reading at the time of the papynus' publication, this would be the latest reference to Praeiecta and Apion together in Oxyshynchusi d. 5394 introd.


 XVI 1916 30 (c.547), and a pronoeres of Episemou in LV 380586 (afier 566 ).
 nchite era year is also given in 5391 s $(588)$ and V1 $999 \&(617)$. When present, it is equated with the indiction, which implies that accounting time was not determined by the fiseal indiction, which staned in Pachon. The accounts will have been drawn up after the end of the indiction, and occasionally contain entries dated to the next indiction cyele, e.g. XVIII 2195 156-7. Thus all accounts from this period may be assigned to the indiction immediately following the one mentioned in their heading.
 кг $\eta_{\mu}$ (afoc) Tidiurvoc. On these кowá see Hickey, Wime 65-7, and his discussion in the forthcoming P. Christodote; cf, also Berkes, Dorfverwaltung und Dorfyemeinsthafi 22-3.

 Dioscorus, adrocatus fori of the PPO. Was Aiкvoütoc included among the \$₹wтiкoi тóno!?

13 à|потáкт(ov) X (up(íw). Cf. fr. 3.10; 5391 14. Hickey, Wine 53-8, offers a detailed discussion of this charge and argues that it was a fixed rent on vincyards in imperial properies administered by the Apions. It is likely that $\Pi_{a \pi y}$ (ou目iou was followed by кei кosvwviv (abbreviated): 'apotakton cherion was invariably charged to collectives' (Hickey, Wine 65). All three localities mentioned in the heading are attested as viticultural sites; see Hickey, Wine 166, 168, 173.

Fr. 3

N. GONIS

The surecy is addressed to the heirs of Apion II by the provost of a monastery who pledges for owo brothers, probably imprisoned because of unpaid rents. The guarantor promises that they will remain in their place and pay the rents they owe; otherwise he himself will have to pay up.

The ext is writen along the fibres. There is a sheer join $\mathbf{c} .8 .5 \mathrm{~cm}$ from the left edge.

 кр(ब́торос) ধ̈́тоис $\eta$, ט́татєі́ac то仑̂ aủтои̇

 סıà $M \eta v \hat{a}$





 $\pi[$ poar] $]$ péce!
 Tท̂


 $\gamma \in \omega$ рүoúc,







 $\epsilon \in \epsilon \rho(\omega \tau \eta \theta \epsilon i c) \dot{\omega} \mu 0 \lambda(o ́ \gamma \eta c a)$.


(m.3) $\quad$ * di emu Papnutiu e(teliothe)

Back, downwards, along the fibres:





In the reign of our most godly and most pious master, greatest benefacoor, Flavius Tiberius Constantinus, the eternal Augustus and Imperator, year 8 , in the consulship of our same most piour master. year fourth, month, day, indiction $n$.
"To the most extraordinary heirs of Apion of well-famed memory, the former first patnces, landowners also here in the splendid ciry of the Oxyrhynchites, through Menas, oikeres, who pues the formal question and provides for his own masters, the same all-renowned men, the conduct of and repponsibility for (the transaction), Petrus, monk and archimandrite of the monastery of Pamuthius, son of the blessed loannes, signing below in his own hand, from the same ciry. I acknowledge by willing resolve and voluntary choice, swearing the divine and august oath, that I guaraniee and pledge to your carrardinariness Aurelii Herminus and Sourous, full brothers, father < >, originating from the holding of Miegales Tarouthinou of the Oxyrhynchite nome, belonging to your extraordinariness, ergistered famers, on condition that they shall remain continuously and abide in the said holding and pay the rents owed by them to your extraordinariness or 1 shall give (hem) from my home on their behalf and pay your extroordinariness on their behalf. And if they are equired of me. I shall bring (them) forward and deliver (thenn) up, without (recourse to) any refuge, in the place where I have also received them, in the prison of your glorious house. If I fail to do this, I acknowledge myself accountable to answer all that is required of them. The surery, written in a single copy, is binding, and in reply to the formal question I asened.' (2nd hand) 'I. Petrus, monk, son of Ioannes-this surery satisfies me as aforesid.'
(3rd hand) 'Completed through me, Papnuthius.'
Back: 'Surery made by Petrus, monk, son of loannes, from the (ciey) of the Oryithynchite, pledg. ing for Herminus and Sourous from Megales Tarouthinou.'
${ }^{1-3}$ The reference to the 'heirs' ( $\kappa \lambda \eta$ poov[о́भorc) of Apion in 4,25 well as the face that the documene is signed by the notary Papnuthius (see 5397 16 n.), places the date of the text berween 59 and 883 (ser P. Oxy. LXX p. 79). The fourth year in 3 should refer to the consular count of Tiberius 11 (T. Constantinus), which began on 1.i.582, in the course of his 8th regnal year. Tiberius II died on 13.viii.582, but

Mauricius, his successor, first appears in Oxyrhynchus in October: this should be the remminus ante quem. See CSBE' 153 .

The line-divisions are only tencative, and there may have been more abbreviations than assumed.
4 The supplements are based on the fact that the document is signed by Papnuthius; see LXX 4792 5-6 $n$.
 but two of the archimandrites of Constantinople so describe chemselves in their signatures in CCP (448) Act. ap. C Chalc. (4s1) Act. 1 (ss2.39, s1; ACO Il. .1.1 147.6, 2s Schwarta). Documents from Aphrodito sometimes pair $\mu$ ová̧wl' with npoccrúc. The term apxi $\mu$ avopitys is discussed by E . Wipszycka in The Copric Engrelopedial I (1991) 192-4: Moine et communautes momastiques on Egypse (IV'-VIIt siecles) (2009) 329-31.

 Пapoutiou, refers to the same establishmens.

и' Eppiivor кai Coupoïv. It may be a coincidence that these names secur in the rwo other contemporary suretios for persons originating from Megales Tarouthinou: Sourous son of Phib in LXX 4790 ( 578 ), and Abramius son of Herminus in I 135 ( 579 ).
t2 Mcyänc Tapoviivou. Sec 4790 is n.; RSON $^{2} 385-6$.
is каi $\pi \lambda$ тpointac. The conjunction mars the grammar, but, as WBH points out, ồסóvzac was probably omitred before it (cf. LXII 4349 3 (504) ס،סóvra кai $\pi \lambda \eta$ クpourra); 'we need the pair to balance

 other sureties, both of which involve adscripticir. SB XVIII I3949.12 (Oxy:i S41) ciryp[wn] avoûza (ej

 фо́pov кar' "troc.





18 8ixa $\pi$ poochyrije 7 twoc. The collocation also occurs in 53978 and LXX 4794 17, which are likewise signed by Papnuchius. The standard expression in Oxyrhynchite deeds of surety is $\delta$ ixa or èxroंe



N. GONIS

## 5383. Lease of Land

531 B. 26 (D)/A(11) $\mathrm{b} \quad$ f. $19.5 \times 14.8 \mathrm{~cm}$, fr. $218 \times 19.9 \mathrm{~cm} \quad 24$ September 583
Two fragments pieced together from smaller ones and some debris from the upper part of a lease of a half part of an isrigator ( $\left.\mu \eta \chi^{\alpha} \vee \cdot \eta^{f}\right)$, with associated appurtenances and land; cf. 5370, 5380. The lessees are two men from a well-known Apionic holding, who present as guarantors a фpourkтic and the son of a фpourscty̆ from another Apionic hamlet. If not all four, the
guarantors at least are adscripticii; see 14 n . (ef. I2 n.). The rent is payable in wheat and money, and there will also be some extra payments. Nothing is said about the duration of the lease. which was presumably indefinite.

The rext is written along the fibres.


 úmaríav тov̄ тท̂c $\theta \epsilon i ́ a c$
 ì $\delta($ ıктiшиос) $\beta \nu$.
 $\gamma \in v o \mu$ évov
 Sıà M quâ $^{a}$
 aúvoîc
 'Evíx

 aข่тоข่อ


 фроитıстой
 $\kappa \tau \eta \mu(а ́ т \tau \nu) \delta ı а ф(\epsilon \rho о ́ v \tau \omega \nu)$


 $\tau \hat{\eta}<\operatorname{civ\nu } \Theta \in \hat{\omega}$


入а́ккои
 таvтоíw




```
        ú\mu\epsilon\tau[\epsiloń\rhoa
```



```
]...[..]..[] ]....[.]..[..]a\muє[.].. ধкка[кт-
\epsilonop]тıкà [
```

Back, downwards, along the fibres:



```
    ] Пиаа каі Biккторок
```


'In the reign of our most godly and most pious master, greatest benefactor, Flavius Tiberius Mauricius, the eternal Augustus and Imperator, year 2, afier the consulship of our former master Tiberius Constantinus of divine decease, year 6, Thath 26, indiction 2.
'To the most extraordinary heirs of Apion of well-famed memory, the former first patricius, landowners also here in the splendid ciry of the Oxythynchites, through Menas, oikeres, who purs the formal question and provides for his own masters, the same all-renowned men, the conduct of and responsibility for (the rransaction), Aurelii Phoibammon and Enoch, full brothers, sons of ..., mother Rachel, originating from the hamlet of Actuariou of the Oxyrhynchite nome, with, as guarantors who undertake the responsibiliny for them in respect of the delivery and return of the right of possession of the half-share of the irrigator indicated and leased below and is rent, us, loseph, caretaker, son of loannes, from the hamer of Piaz, and Victor son of Pecysius, caretaker, mother Tecrampe, from she hamlet of Phatereer of the same nome, the three holdings belonging to you, registered farmers of yours, greeting. Voluntaxily we. the lessors Phoibammon and Enoch, underike to lease from the current year $260 / 229$ of the present second indiction, for the sowing and collection of the crops of the God willing third epinemesis, from the possessions of your extraordinariness the half-share of an irrigator called "Aplecuch Eastern", along with the half-share of the cistern in it and of the well and waterwheel and the machinery of the irrigator and the plants of all kinds and every other righe of it and as many aruras as they may be in accordance with the landlond's ceactions list for the sowing of whatever crops I (read: "we") may choose; and we shall pay to your extraordinariness in respect of rent for them annually, in wheat as well as in gold, ... the extraordinary paymens ... the festive payments ...'

Backe (2nd hand) Lease of Phoibammon and Enoch ... hamlet of Actuariou ... Piaa and Victor ...

1-j The iecration figure of the postconsulate of Tiberius II ought to have been s; see P. Oxy. LVIII p. 5s. Contrast 1137 (11.i.584), dated by the 6th posiconsular year; cf. also 5384 . The 6 th posiconsular year of Tiberius 1 I also appears in $656 \mathrm{~B} .36 / \mathrm{L}(3-4)$ a of 27 June 984 , which uses the same formula and refers to the same regnal and indiction ycars as 5383; an edition of this text will appear in a farthcoming volume.]
 term is attested as late as $8 . \mathrm{x}$. 583 ( LXX 4796; its latest instance in a document connected wish Papnuthius is in 1136 of $24, ., 583$ ), replaced by 8 iádoxor shortly thereafier (first in 1137 of ini. . 884 ). G. Agarello notes


9 Axrovapiou. Cf. 26. An Apionic holding: see $R S O N^{2}$ 25-6, which tenatively locaes it in the vicinity of Oxyrhynchus. (For the dubious case of XVI 1856 2, see Tyche 30 (2015) 225 .) Its connections with $\phi_{a r \epsilon \mu \eta(v) r ~ a r e ~ w e l l ~ d o c u m e n t e d . ~}^{\text {a }}$

${ }^{12}$ фроитuт are generally évađóypaфo.

Пiaa. Cf. 27. An Apionic holding in the sixth cenrury; see RSON ${ }^{2}$ 282 Nathing is known about its location but we may surmise that it was situated near $\AA_{\kappa \text { rovapiou and }} \Phi_{\text {are }} \mu \eta(\nu)$ т.
$\left.{ }_{13} \Phi_{a 7}\right] \leqslant \mu \eta 7$. Another Apionic holding; see RSON ${ }^{2}$ 41s.
14 avirĝ was added in the margin as an afterthought, in place of che abstract expected after

 tioned several lines above; it is also possible that the genitive was meant, with reference to the guarantors. At any ratc, the fact that lessees as well as guarantors originate from Apionic haldings ( $\kappa r_{i j} \mu a=a$ ) suggors that all four were ivanóypaфou. Cf. 53809 n.
 have been included because of the references to the nwo guarantors immediately before.
ivectiúrous, 1. èveczêtoc. -ouc is due to !'tauc that follows rather chan a phonetic error

 by a lacuna some ten letters long: apparently an additional name was lost.

21 e! (c) ctop [áv. See Gignac, Grammari i 12 n n. i.
$22 i[\tau]$ eciţ $\psi$ кai xpuci $\{\psi(?)$. The expression can be paralieled from documenve from Aphrodito which invariably have xpuciкoic at this poine (P. Cair. Masp. $1167245 \cdot 3$, P. Lond. V 1695.13 , P. Mich. XIII
 papyrus belongs to the dossier of Anastasia and is unpublished; I owe the reference to T. M. Hickry).

The rent is payable in wheat and money also in PSII 77 (a whole $\mu \eta \eta^{a}$ antis ss art. and 4 sol.) and $P$.
 VIII 920 and LVIII 3955. Contrast 5367 and apparently 5380 , where the rent will be paid only in whear.




${ }_{26} \rightarrow$ These lines refer to the guarantors; ef. $11-13$. I have not reconstructed the lost parrs. since certain details may have been omitted in the docket.
5384. Deed of Surety

54 1B.25(B)/B(6)b * a
$16 \times 30 \mathrm{~cm}$
29 August - $\mathbf{c . 1 7}$ November 584
A surery addressed to the 'successors' of Apion II by two persons, one of them (and probably also the other) an évanóypaфoc vaútnc, a novelty among adscripsicii. The person under surery is likewise a sailor and originates from the same Apionic holding as his guarantors but is not said to be an èvaróypaфoc, probably an inadvertent omission. The body of the document is written as if there were only one guarantor, a failed adaptation of the formula on the pare of the scribe.

This document offers the latest dating by the postconsulate of the deceased Tiberius II. The month and day are not extant, but the Oxyrhynchite cra year 261/230, coterminous with indiction 3, began on 29 August 884 . The earliest reference to the consular count of Mauricius comes from the Arsinoite CPR X 127 (28.viii. 584 ), followed by the Oxyrhynchice PSI III 248 (28.x.-26.xi.584) and 5385 (18.xi.584). The last document provides the terminus ante quem, though CPR X 127 suggests a date in Thoth for 5384.

The writing runs along the fibres.









vîoc c. 26 ]uc vioc Iov́ctove




















```
        \pi\rhoо\gamma\epsilon\gamma\rho(а\mu\mu\epsilońv\omega\nu)
```




```
        (vac.)
```

Back, downwards, along the fibres:
 'Ioūct[ov
1.avl loot.

'In the reign of our most godly and most pious master, greatest benefactor, Flavius Tiberius Muricius, the eternal Augustus (and) Imperator, year 3, after the consulship of our former master Tiberius Constantinus of divine decease, year 6 , month, day, indiction 3 , year $26 / 23 \mathrm{j}$.
'To the most extraordinary successors of Apion of well-famed memory, former first patinous, landowners here also in the splendid city of the Oxyrhynchites, through Menas, oiketes. who pus the formal question and provides for his own masters, the same all-renowned men, the conduct of and responsibility for (the transaction), Aurclii Anup son of ... (and) -us son of lusts, mother ..., originating from the holding ... of the Oxyrhynchite nome, belonging to your extraodinariness, a registered sailor of yours. I acknowledge by willing resolve and voluntary choice, swearing the divine and august oath, that I guaranted and pledge to your extraordinariness through your subordinates Aurelius luster, sailor, son of Siltvanus, mother Tarilla, originating himself too from the same holding, on condition that he shall remain

## III. DOCUMENTARY TEXTS

continuously and abide in the same holding, and that he shall on no account leave (this holding) or remove to another place; but if he is required of me by your cxtraordinariness at any date, for any reason wharsoever, I shall bring him forward and hand him over, withour recourse to any place of refuge, in the place where I received him, in the prison of your glorious house. If I do not do this, I acknowledge myself accountable to answer for all that is required of him. The surety, written in a single copy, is binding, and in reply to the formal question 1 assented.' (2nd hand) 'W${ }_{c}$, the collective body of the aforewritten persons-this surery satisfies us as aforesaid. I, Papnuthius, wrote for them because they are illiterate. ... Back: (3nd hand) 'Surery ... Anup son of ... and -us son of lustus, pledging for lustus ...'

3 The number of the regnal year is restored on the basis of the Oxyrhynchite year and indiction; see CSBE ${ }^{2} 153$.

3-4 The latest posiconsular dating by Tiberius II was previously I 137 of $11 . \mathrm{i} .584$ (for CPR XIX 15 see D. Hagedorn, ZPE 151 (2005) 128-30). Year 6 should correspond to 585 , but this kind of numbering is common; for the postconsular count of Tiberius II, see $Z P E_{154}(2005) 213$.

11-12 Aupijiot, less likely Aupídioe, introduces a plurality of persons, and the length of the lacuna in 12 also suggests that there was not only one; Jue will be the end of the name of the sccond guarantor. There are plurals also in the subscription and illiteracy formula; ef. also the endorsement.
 n.; P. Pinraudi 19.13.

31 For the restored $\left[\tau \dot{\omega} v \pi \rho o \gamma c \gamma \rho\left(\alpha \mu \mu \epsilon v^{\prime} \omega v\right)\right]$, cf. the descriptions of rwo other bodies of persons, P . Lond. V 1764.8 and P. Select. 20.23, both added by Papnuthius. Cf. also 53707 and n., 53796.

36] ar [ ove . This must have been the origin of the person under surety, lost at the beginning of 14 . 1 have not succeeded in reading the name of a known Oxyrhynchite toponym in the remains.
N. GONIS

## 5385. Receipt for a Cogwheel

$521 \mathrm{~B} .26(\mathrm{C}) / \mathrm{F}(6) \mathrm{b}+531 \mathrm{~B} .26(\mathrm{~F}) / \mathrm{A}(7) 2(2) \quad 18.8 \times 30.8 \mathrm{~cm}$
18 November 584
Four fragments combine to give most of this receipt for a large cogwheel. The lost parts can be restored with a fair amount of confidence; only the name of the adscripticius who recejves the cogwheel is hard to recover. The reference to Apion II as прштопатрíкос identifies the text as the product of a scribe who worked for the notary Papnuthius, whose hand is to be recognized in the subscription of the amanuensis. His signature is lost; one of the shorter versions would have been used (we seem to have the full height of the document).

Along with VI $996=$ SB XVI 12484, which dates from two days later, 5385 shows that Julian year 584 was counted as Mauricius' consular year 1 at Oxyrhynchus (he took his consulate in 583 ). This further 'suggests that there was an initial attempt to deal with all three years [= regnal, consular, indiction] correctly' (J. R. Rea, P. Oxy. LVIII p. 5s). We have no evidence from 585 , but by late September 586 a different system was in use; see 5387 introd.

The writing runs along the fibres.


〈бєсто́тои) є̈тоис $a$,
$A \theta \nu p] \bar{\kappa} \beta$, ì $[\delta($ ектiшขoc) $\gamma$.























Back, downwards, along the fibres:

| 3 a] ¢rok[p] 4 |  | ऽ Ün¢pфvectafouc |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 18 vั! | 21.1 ėmutiocion | 22 арал入ท |
| ров¢ | 27 űmadox | 29 whodor! | $31 \times$ |  | 33 x 19 |

'In the reign of our most godly and most pious master, greatest benefactor, Flavius Tiberius Mauricius, the eternal Augustus and Imperator, year 3 , in the consulship of our same most pious master year 1, Hathyr 22, indiction 3.
'To the most extraordinary successors of Apion of well-famed memory, former first patricius, landowners here also in the splendid ciry of the Oxyrhynchies, through Menas, oiketes, who puts the formal question and provides for his own masters the conduct of and responsibility for (the transaction). Aurelius ... son of .... mother Stephanous, from the hamlet of Aspida of the Oxyrhynchite nome, belonging to your excellence, a registered farmer of yours, greeting. Since now too a need for one large cogwheel has arisen in the estare irrigator in my charge called "Pelaie", irrigating arable land, I came up to the city and asked your extraordinariness to order that the same large cogwheel be provided to me. And immediately your extraordinariness showing regard for the seate of its affairs provided this to me through .... the mechanic here; a new (cogwheel), serviceable, suitable for irrigation, satisfactory. I received this as completion of all the irrigation implements on this very day, which is Hathys 22 of the present third indiction. for the water supply of the crops of the God willing fourth epinemesis. And as evidence for the receipt I have made this cheirograph, which is binding, written in a single copy, and in reply to the formal question 1 assented.' (2nd hand) 'I, Aurelius ... son of ...-this cheirograph satisfics me as aforesaid. I, Papnuthius, have writeen on his behalf as he is illiterate.' (弓rd hand) 'Total one large cogwhel only, ...'

Back: 'Cheirograph ...'
3 The rext as printed restores the standand Oxyrhynchise formula (CSBE ${ }^{2}$ 260-61), and assumes that the scribe omitted סecnórou by mistakc. For other omissions in this text, sec 9 and 16 .
trouc $a$. The consular year number is damaged in V1 $996=$ SB XV1 12484, but was apparenty correctly read as a. On the analogy' of 5385 and 996 , we may restore the consular year as $[\beta]$ instead of [a] in PSI III 248.6, dated to an unknown day of Hathyr in year 3 .

4 iy $\mid \delta($ (x $\boldsymbol{i}$ iwyoc) $y$. The number of the indiction here and in 25 is securely restored on the basis of


5-6 The mode of reference to Apion II indicates that the rext was produced at the office of the notary Papnuthius; see LXX 47926 n .
 in this text, see 3 n .; a similar omission in this phrase at 5372 s .

10 (redavoüסo $[c]$. The name in this spelling is otherwise attested only for one other person in I 126 17, 24, 32, and LXXXXII 53408,17 (both 572 ). The common spelling is with tau instead of delea.
 associates it with a different landowner. Sec further 5393 g n .

14 heraic. New.
20 סià [].[..... The mechanic's name is unrecoverable, but the traces suggest that he was not Zacharias, attested in 586-7. On this expression and mechanics in the Apion estace, see LXX 4798 14-15 n. They appear in connection with cogwheels (epfárar) in all such texis except for XV1 1986 = SB XII 11231, which concerns an axle.
 above, 5376 II.

## 5386. Receipt for Flour

63 6B.63/G(3-4)a
A baker has supplied a quantity of fine flour for what seems to be a banquer to celebrate the brumalia of Apion III. The feast of brumalia began on 24 November, which corresponded to Harhyr 28 in a non-leap year; this was the day dedicated to people whose names started with A, and hence that of Apion. The festivity was previously attested in rwo contemporary Apionic wine accounts; see below, 1-2 n .

This document offers the earliest reference to Apion III as a consul (honorary); contrast his status in 5381.

The text is written across the fibres on the front of the original roll, as indicated by a sheet join running horizontally close to the lower edge. The back is blank.
 èv тoíc aiciote
 $\kappa \bar{\eta} i \nu \delta(\iota \kappa \tau i \omega \nu \circ c) \delta \bar{\delta} \tau \mu \eta \delta \alpha ́ \lambda(\epsilon \omega c) \xi \epsilon \in \tau(a$,



2.31. <є
'Given through Vietor, bakes, for the need of the 3 dining-rooms(?) for the auspicious brumalia of our master the most extraordinary consul Apion, on Hathyr 28, indiction 4, eighteen seannil of fine flour, total 18 sextarii of fine flour only.' (2nd hand) 'Total eighteen sextarii of fine flour only.'
(ist hand) 'Year 262 and 231, Hathyr 28, indiction fourth.'
1 Bíкторос д́ртак(óтои). Victor was known from P. Hamb. III 216.1 (586), in which he provides bread to workers under the supervision of a brick maker, and XVIII 219779 (the indictions mentioned in this part cover the period 581 -4; see LXX 4792 10 $n$.), where bricks are said to be supplied eic xpeiay

dккоиßitwи. Of the various meanings associated with this Latin loanword, "dining-room, refectory' (DGE and LSJ Rev. Suppl. s.v. 3) suits the context better than 'dining couch', 'bed', or "bedroom'; see further P. Leid. Inst. 13.27 n . and Lex. Lat. Lehnw. I s8-9. G. Azzarello suggers instead that the reference may be to the three dining couches of a triclinium.

 dose parallel. This indiction 14 was long thoughe to correspond to $\$ 6 / 6$, and the Apion in question was identifed as Apion II (see F. Perpillou-Thomas. Tyrche 8 (1993) 107-9), bur Hickey, Wine 95-7, has made a strong ease for 580/81; the account would have been writen after the indiction's end. If the Apion of 2480 is Apion 111.2 problem arises from his epicher $i$ ㅍeє $\rho \phi$ vécraroc, used of persons of consular or higher dignisy (see C. Begass, ZPE 180 (2012) 285-6): Apion is called ivסo̧ỏararoc, an epithet that implies a lower rank, in 5381, which also concerns indiction 14 and was writen after its end. But fossilization is not uncommon in such accounes (d. 53963 n ), so that this could merely replicate a phrase earlier used for Apion 11 even if it now referred to Apion IIt; it may be relevant that $i$ unai rou is absent from 2480. (Hickey, Wine 97 n . 25 , on the basis of the evidence available previously, had considered the wording of 2480 'a more fieting reference to the young Apion III than to his distinguished grandfather'.) PSI VIII 996.46, another wine account, refers to the brumalia of Apion I1, but che passage is fragmentary. R. Mazza in A. Saggioro (ed.). Dtrino romano e identita crisstiana (2005) 176 n. 34 , mentions an unpublished fragment of this document that contains the date Hathyr 28; the account concerns indiction $1=567 / 8$, when Hathyr 28 corroponded to $25 . \times x .567$, but this could not have been the date of Apion's brumalia. (For the same reason. 2480 annot refer to s9s/6: in that year, the brumalia of Apion III fell on Hathyr 27, not 28.)
 156): cyur-, as in the next line, is more familiar (aiready in SEG XOXI 122.36 (Attica; c.121/2) cupidadur "probably assimilation' according to L. Threatte. The Grammar of Artic Inscriptions ii (1996) 703). On the produca see E. Bataglia, Artos': Il lessico della panificazione nei papiri greci (1989) 66-7; S. Amigues, IS



4 Yeax $2622_{231}=$ indiction $4=585 / 6$.

## N. GONIS

## 5387. Receipt for Remlacement Part(s) of an Irrigator

$541 B .26(E) / C(9) a \quad 1.2 \times 4.3 \mathrm{~cm}, 5.5 \times 6.5 \mathrm{~cm}, 3.4 \times 6.4 \mathrm{~cm}, 6.8 \times 6.1 \mathrm{~cm} \quad 24$ September 586
Plate XVI
This document offers the earliest secure example of the reckoning of the consular years of Mauricius from the month of Thoth instead of the anniversary of his entry to the consulship, a practice peculiar to Oxyrhynchus. XVI 1989 of 3 November 590 (see P. Oxy. LV1II pp. 54, 57) once held this position, and then LXX 4799 of 5 October 586, a fact not noticed at the time of its publication. 5387, written twelve days earlier than 4799, shows that the pattern had been established by then.

The text runs along the fibres. There is a sheer join $c .5 .5 \mathrm{~cm}$ from the right edge.
єи̉єрүє́тои $\Phi \lambda$ (aovîou)
ย̇тaтiac тоиิ aủวoû



```
\pi]\rho[0]¢{\pir]\rho[i]}(ov\tauOC)
```

Back, downwards, along the fibres:


'In the reign of our most godly and most pious master, greatest benefactor, Flavius Tiberius Mauricius, the cternal Augustus and Imperator, year 5 , in the consulship of our same most pious master year 4, Thath 27, indiction fifth.
'To the most extraordinary successors of Apion of well-famed memory, formet first parricius, landowners here also in the splendid city of the Oxyrhynchites, through Menas, oiketes, who puts the formal question and provides ...'

Back: 'Cheirograph ...'
$3 \times \zeta$. The form of the purative zeta is anomalous, with its curved middle part linked to the top of the adjacent iota; but ş should probably be excluded.
$6 \pi] \rho[0]<[\pi 0] \rho[i]\}$ (ovroc). A very few specks remain, of uncertain distribution; I do not see what the high vertical trace at the end could be if not part of an abbreviation marker.
$7 \chi^{\epsilon!}$ роуpa $\phi$ (ia) indicates that this was a receipt for one or more replacement pars of an imigror. see LXX 47838 n .
N. GONIS

## 5388. Receipt for a Cogifheel and a Potwheel

$531 \mathrm{~B} .26(\mathrm{~F}) / \mathrm{D}(4) \mathrm{a} \quad 12.8 \times 15.5 \mathrm{~cm} \quad$ 6-15 November si6(?)
The upper part of a receipt for a small cogwheel and a porwheel, required as replacement parts of an irrigation machine in the estare of the heirs of Apion II. The machinc, or rather the farm irtigated by it, was in the care of a nomicarius who was also an overseer ( $\pi$ povonricic) of


This text and 5389 stand out for the remarkable way in which the nameless heis of Apion II are addressed: $\kappa \lambda \eta$ роvó $\mu о$ and äv $\delta \rho \in \epsilon$, a mode of address thought to have fallen into disuse by that time (last attested in LXX 4796 of $8 . \times$. 58 ), with the terms $\delta$ oáooxor and ăv $\delta \rho \in e$, and later $\delta$ tá $\delta o x o t ~ a n d ~ \pi \rho o ́ c \omega \pi a, ~ t a k i n g ~ i t s ~ p l a c e . ~ A l l ~ t h e ~ t e x t s ~ a d d r e s s e d ~ t o ~ \delta o a ́ o ́ o x o i, ~$
 1989 (3.xi.590) and 1990 (12.i.591), bort addressed to Praciecta and Apion IIl and signed by
the notary Anastasius; and 5388-9 use a formula for Apion that is exclusively connected with the same notary: It would thus appear that terminology' was conditioned by notarial choices.
 even if it was limited to a single notarial bureau, was of no relevance, even more so since Papnuthius used the rare term прршоппатрiкioc.

A further poine of interest is the nameless consular formula, its third carliest example and tenth overall; see $1-2 \mathrm{n}$.

The text is written along the fibres.
 $A[\theta \nu \rho] $\epsilon$.
















Back, downwards, along the fibres:




'In the consulship of our same most pious master year 4(?). Hathyr iot, indiction s(?).
'To the most exiraondinary' heirs of Apion of well-famed memory, a former patricius, landowners here also in the splendid city of the Oxyrhynchites, through Menas, oiketes, who puts the formal question
and supplics for his own masters, the same all-renowned men, the conduct of and responsibiliry for (the rransaction), I, Georgius, nomicarius and overseer of your glorious hause, son of the blesed Anup, who was a nomicarius himself too, signing bclow in my own hand, from the ciry of the Oyythymchies, greeting. Since now too a need for one small cogwheel (and) one potwhecl has arisen in the csure irigaror in my charge called "Of the Middle", situated in the fields of the holding of Troil()us, irigating arable land. 1 asked your extraordinariness ...'

Back: 'Cheirograph of Georgius, nomicarius of the glorious house, for the reccipt of one small cogwhecl (and) one porwheel.'

1-2 The document seems complete at the top: the upper margin is exant to a depth of a cm, somewhat more than the average interlinear space. The same conclusion is suggested by the position of the endorsement: there is a blank space of 1 cm between the edge and the crossi if a regnal clause were loss. it would have occupied shree lines, in which case che cross would have been placed 3 cm or more from the edge, which seems less likely. Admittedly neithes observacion consinuees proof, but on balance the possibility that no text is missing at the top seems the likeliest.

The nameless consular formula, attested exclusively in Oxyrhynchite documents, has been dircussed by J. R. Rea in LVIII 3933 2-3 n. (pp. 59-62); it omits the emperor's name, but implics it and provides enough information to fix the date by the numbers of the consular year and indiction, with month and day. It is not entirely clear what underlies its use, but under Mauricius it annot have had any political significance.
 consular year would be the sth, and the date would correspond to 7-16 November s 97 . Another interpre-

 raspexiou. Cf. 5389 s-6, and see above, introd. This formula is typical of documense signed by the notary Ansstasius; see LXX 47925 s . (note that LXX 4796, which is broken off at the foot, was writen by the same hand and on the same day as 4797).
 romiка́pior see LV 37882 n., LLX 3985 introd. (paragraph 4); Hickey, BFine 14-2 His raponsibiliois included the transport of goods for the state and the collection of taxe from the wopke, the numb himer-
 being edired by A . Benaissa.

One other roperápoac in the employ of the Apions occurs in the writing eererise P. Col vill
 house' and voptкќpiot are also atested e.g. in I 136 and VIII 1131. The rransition from the vopuripooc vouoū, attested in the fourth century ( $\mathbf{3 7 8 8}$ 2), to the vopuкíproc toí evob́fov oikou parlleck that in evidence with liturgical officials such as the riparii (cf e.g. LVIII 3942 8), held by the houses of ennobled great landlords; sec already R. Rémondon, JJP 18 (1974) 21-4.
 10, a text written on the back of XVI 1920, which is datable to c; 363 (see BL X 144) it is possible that the Anup of $\mathbf{2 0 2 4}$ is Georgius' father. Another deceased vouskápooc who is the tather of an Apionic employwe is mentioned in LVIII 3942 9-10 (606).

 texts of this rype, since they mostly relare to adseripticii, who looked aher irriganors in the area of theit place of residence; another exception is XV1 $1987{ }_{17}$ ( $(87$ ), in which a resident of Oyyhhynchus sraer tha
 of $\mu \eta \chi^{a v a i}$ and associated land; cf. e.g. 5380 II-12.
is ктท̆д (aroc) Tpoillou. See LXX 4801 is п.

N. GONIS

## 5389. Receipt for a Cogwheel

\$318.26(F)/D(11)b
$13.5 \times 15.4 \mathrm{~cm}$
10 March 588
The upper part of a reccipt for a cogwheel issued to an adscripticius. This and $\mathbf{5 3 9 0}$ are the only documents of 588 addressed collectively to the unnamed heirs of Apion II, who were
 cf. 5388 . The use of these terms and anorher particular feature (see 18 n .) indicate that the text was written by a scribe who worked with the notary Arastasius.

The writing runs along the fibres. There is a sheet join very close to the right-hand edge.

Back, downwards, along the fibres:


'In the reign of our most godly and most pious master, Flavius Mauricius Noyus Tiberius, greates benefactor, the ecernal Augustus and Impcrator, year sixth, and in the consulship of the same most pious, year fifh, Phamenoth fourteenth, sixth indiction.
'To the most extraordinary heirs of Apion of well-famed memory, a former patricius, landowners here also in the most splendid ciry of the Oxyrhynchites, through Menas, oikeec, who pus the formal question and provides for his own masters, the same all-renowned men, the conduct of and raponsibility for (the transaction), 1. Aurelius loannes son of Enoch, mother ..., originating from the holding of Partheniados, belonging to your exrraordinariness, of the Oxyrhynchite nome, a registered farmet of youts, grecting. Since now too a need for one large cogwheel has arisen in the estate irigator in my chage called "Of Northern Makre", itrigating vine land and arable land, I came up to the ciry and asked your extraordinariness through your subordinates to order that the same large cogwheel be provided to me And immediately, showing regard ...'

Back: 'Cheirograph of loannes son of Enoch ...'
1-2 Several lerter feet from the earlier part of 1 are visible but it is difficult to identily them with particular leners.
 the name in Oxyrhynchus after LXX 4795 ( $\varsigma 82$ ); it reappears in 590 , and remains the dominant form until the end of Mauticius' reign. See 4795 I-6 n.

2 A large loop at the end of the line may belong to the line above, but I do not know what it is.
3-4 For the conversion of the date (and restoration of the consular year as the fifth), see P. Oxy. LVIII p . 54 and CSBE $^{2}{ }^{153}$, 162.

3 írareiac. Much the greater number of the Oxyrhynchite documens of the late sixth and earty seventh centuries have -t- for -et- in chis word; únateiac has occurred only in LXX 4786 s ( 5 s ), XX 2283 3 ( 886 ), P. Amh. II ıго.s (ijare[iac) (592), and I $201=$ SB XXII 15363.4 ( 593 ).


8 ar $\delta$ рács is the expected term with кגұұроvópoкк preceding.
10 ПapAeviatoce, I. - $\delta$ oc. A hamlet atested exclusively in connection with the Apions; see RSON ${ }^{2}$ 253-4. It is a known viticultural site; see Hickey, Wine 177.
 occasionally accompanied by supralinear strokes, but this has the appearance of being Greek (Mápprax). Perhaps the overline occasionally functioned as a mere toponym markeric ef. XV1 19328.
 lacuna beter than $\mu$ uкpóv.

 PSII 60.18 (s99), and XVI 199126 (601). The first three of these exext ane signed by the notary Anarnsius.
5390. Deed of Surety

55 IB. $25(\mathrm{C}) / \mathrm{E}(2) \mathrm{a}(1)$
$21 \times 13.5 \mathrm{~cm}$
21 October 588
This is the latest document to refer to the successors of Apion II without naming them. A former village headman stands surery for a person from an Arsinoite village, no doubt an employce of the Apion estate, and surely not an adscripticius; this is unparalleled among the Apionic documents.

The text is written along the fibres. On the back, written downwards, along the fibres, are remains of the endorsement. A sheet join is visible close to the righe-hand edge.

$$
\begin{aligned}
& \text { ]. }
\end{aligned}
$$

$\zeta$, ن́m]ariac ? $[0 \hat{v}]$ aย̀т $[o u ̂$
$\boldsymbol{\gamma} \boldsymbol{\nu} \boldsymbol{\nu} \boldsymbol{\mu}$ évov
 $\lambda \in \iota$ סıà $M \eta \nu a ̂$
 a


 $\pi \rho \omega т о к ш \mu$ ท̣т $\boldsymbol{\tau}$






 йнетерасйтєрфиесас 14 [ü]терфигіас

13 I. Moúxeшк, Apcivoitou
'... Mauricius Tiberius, the ecernal Augustus and Imperator, year 7, in the consulship of our same most pious master, year 6, Phaophi 24, indiction seventh.
'To the most extraordinary successors of Apion of all well-famed memory, former first patrucius, landowners here also in the splendid ciry of the Oxyrhynchites, through Menas, oiketo, who pus the formal question and provides for his own masters, the same all-renowned persons, the conduc of and responsibility for (the transaction), I, Aurelius Pancuous, former headman, son of the blessed Apolios. signing below in my own hand, originating from the villuge of ... of the Oxyrhynchite nome. administered by your extraordinariness, prorokomeres, greeting. I acknowledge by willing resolve and voluntary choice, swearing the divine and august oath, that I guarantee and pledge to your extrandinarines through your subordinates Aurelius Menas son of ...., mother Sophia, originating from the village of Muchis of the Arsinoite nome, whom, if he is required of me by your extraordiaatiness through your subordinates ...'

2-3 The regnal ( $\zeta$ ) and consular (of 5 we have the base, a small lefi-facing curve: $\zeta$ would aso be possible) years of Mauricius are restored on the basis of the month and the indicion figuret see the able in P. Oxy. LVIII p. 54.
 3 (14,viii. 588 ) Ti $\beta$ epiov Mavpiкiou.
$4 \pi|a v\rangle \in u \times \lambda \epsilon o u \hat{c}$. 1 restored the epithet in LXX 4792 s by resson of spacc; E. Bonollo above, p. 113 n. 2) has suggested that it should also be restored in LXX 47958 . This is now confirmed. mavevunceovix was used alongside evixdeevic by scriber who worked with the notary Papnuthius.

7 For the dicolon of. 53754 and $n$.
Пavevouc. The name is new, bue probably a variant of Пavevic, Пavevif, ect.
d $\pi \dot{d} \mu$ er $\zeta$ óvev. Another former headman is the guarantor in LXX 4794 (580). For headmen in these documents, see 537320 n .

8 то仑̂ paкарiov. Anto[ mother's name.

9 тауархоин (ivnc). Cf. 5371 s and n.
 combination of the two functions in one person is new, and may lend support to the view chat in
 Dorfierualuung und Dorfgemeinschaff in Agypren von Diokkrian zu den Abhasuden (2017) 40 (pp. 35-3 on the function generally).
${ }_{13}$ Mouxiv poü Apcaroeítou youaü. The village of Muchis (TM GEO ID ijg6) is wall atased in the Piolemaic period but there are very few references of late date. This is the first person under surery in Oxyrhynchite documents of this kind who is said to originate from a different nome. His plare of residence is not indicared, but was presumably the same as that of his guarantor.

5391. Annual Account of an Estate Overseer

$541 \mathrm{~B} .25(\mathrm{~A}) / \mathrm{A} / \mathrm{s}) \mathrm{a}$ * (4) Z
$16.2 \times 27.6 \mathrm{~cm} .22 .5 \times 26.8 \mathrm{~cm}$

The beginning of an account of receipts and expenditures compiled by a pronoetes and submitted to Praciecta, Apion, and Georgius; cf. 5381. The district under this pronoctes may have been the same as that in XIX 22432; see below, 3-4 n . We have the greatest part of the first column; receipts from various persons are indicated as quantities of wheat, and amounts of money may also have been included in a part now lost further to the right. The account concerns indiction $6=$ year $264 / 233=587 / 8$; it must have been writeen afier the end of the indiction, in late 588 or even early 589 . See above, 5381 introd.

As with 5366, the first sheet of the roll was a prozokollon, lefi blank; the account began on the second sheet, and was written along the fibres. The endorsement was writen on the back of the protokollon, followed by two lines of an account apparently not related to the text on the front. On the back of the second sheet there is a short money account, also unrelated, and the very beginning of a receipt, the latter no doubt writing practice. There is a sheer join about halfway through the second shect.
 Гєшрүі́थ




 ${ }^{\alpha} \lambda \lambda(\omega \nu) \in \xi \omega \tau \iota(\hat{\omega} \nu)$

 aย่таиิ sítov $\mu \in ́ т \rho(\varphi)$..[
 сі́тои $\mu$ е́т $\rho(\varphi) \rho \lambda[$

cíтou $\mu$ е́т $\rho(\psi) \rho ı \eta[$
 cítou $\mu$ ét $\rho(\varphi) \pi[$
10
 сітои (ápráßaı) $\lambda \beta$ \} [

|  | círou (ápráßaı) ¢ 1 [ |
| :---: | :---: |
|  |  |
|  | cítov (¿̇ptáßaı) $\lambda y$ [ |
|  |  |
|  | cítou (àpráßaı) |
|  |  |
|  |  |
|  | círou (ápráßai) $\gamma$ l [ |
|  |  |
| c. 7 ]oc каi Avıuvoû àtọ̀ тo[î] aúroû §(ıà) |  |
| is(iac) $\gamma$ ท̄c |  |
|  | cítou (àpráßai) $\beta$ ! [ |
|  | citos (à $\rho$ тáßaı) $\beta \eta^{\prime} \mid$ |
|  |  |
| ȧmò тov̂ aủroū] ктท́ца(тос) | círou (ápráßך) a [ |
| ].[..].[.].[ | cítou (ípráßau) y [ |
|  | cítou (ḋpráßךc) ! [ |
|  |  |
|  |  |
| а̀тò По] $\lambda^{\prime}$ ¢ $\mu \omega \nu 0<$ |  |
| ]. [.]. . . å̃ẹ roû ậ̉roû |  |

Fr. 2

$$
\begin{aligned}
& \text { ]. аитто¢ [ } \\
& \text { ] } \lambda o v \pi \omega[ \\
& \text { ]a тоuิ к. [ } \\
& \text { ]ov } \pi \text { [ }
\end{aligned}
$$

Back, downwards, across the fibres:


Fr. 1

| 1) $\lambda$ sпрапектך, vпатıсея | 1, 2 ขптepфuects |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | , $\lambda \eta \mu \mu$ sou- | 6-10 $\pi^{\prime}$ |
| 6 and passim \& $\quad 6 \rightarrow 9 \mu e r p$. | 9 cupraxs vatp | 10 aù | 10ff. -- | 13 кай |
|  | 15.21 krjp | $17 \%$ | 17,20 Y 18 | 18 ] 9 ¢ |
|  |  |  |  |  |

## Back

$$
\text { גoys, } \pi p, w \lambda
$$

'To Flavii Praeiecta, the most extraordinary' consuless, and Apion and Georgius, the most extraordinary consuls, landowners also here in the splendid ciry of the Oxyrhynchites. Account of receipes and expenditures made through me (vac.) overseer of Polemonos and of Trigyou and of Notinou and of Heracla and of those in the village of Tampemou and of other outside places in the 6th indiction, year 264 and 233. Receiprs as follows:
'From Tecrampe daugher of Paceu through leremias son of loannes and Victor from the same (holding), wheat, by measure, (arr.) ...
'From Thomas son of Prauus (grandson of?) Pecysius and Abraamius and Pambechis son of Apphus, wheat, by measure, (art.) iso(t) ...
'From Elias son of loannes through Phib son of Apphuas and Ieremias from the same (holding). wheat. by measure, (art.) 118...
'From Gunthus son of Anuthius, symmachos, through Phib, doctor, from the same (holding), whear, by measure, (art.) $80(*)$...
'From loannes son of Petrus through Pseeius son of Paieu from the same (holding), wheat, art. $321 / 2 \ldots$
'From Papnurhius son of Phoibammen through Abraamius from she same (holding), wheat, art. s01/2...
'From ... son of Harau from Polemonos through Paneus from Irigyou, wheat, art, 33 ...
'From Daniclius son of Paulus and associates through Phib son of Psceius from the same (holding), wheat, an
'From the same and aforementioned farmers for fixed rent on vineyands ...
'... from Isiu and Elias from the same holding, wheat, art. $31 / 2$...
‘... -nus son of loseph from Polemonos, wheat, art. $1 . .$.
'... and Annianus from the same (holding) through Apollos, presbyter, for private land, wheat, art. 12 ...
'... epinemesis, whear, art. $2^{1 / 2 / 2}$...
'... wheat, art. $21 / 6 . .$.
'... for privare land, wheat, arr. 3 ...
'... from the same holding, wheat, art. 1 ...
'... wheat, art. 3 ...
'... whear, arr. 1/2 ...
'... vinedresser, from the same (holding), for rent of a mill ...
.... for exrrs for vintage and poll-tax, of $191 / 21 / 12$ sol.
-... from Polemonos
'... from the same ...'
Back: 'Account of Cometes, overseer of Polemonos, of the 6th indiction.'
${ }^{1-2}$ The address is the same as in XVIII $21961-2$ : see further 5381 1-2 n .
3 ¿дoû (vac.) $\pi \rho o(\nu o \eta r o u ̈)$. The name is given in the endorement: $K$ o $\mu$ írou.
 the same order in XIX 2243a 76 fif., which must be an account of a pronoeces with the same are of $r$ rsponsibility (the reference to indiction $9=590 / 910$ implies that it was writen in late $\rho 91$ or early $s 92$ is see further $5381 \mathrm{I}-2 \mathrm{n}$.). Pronoetai of Пohé $\mu \omega \mathrm{\omega voc}$ are attested in XVI 203240 ( $540 / 4$ ) and 2031 is (mid vi: cf. LX111 4397 237 n., though the reference to the dioikesis of comer Phib is not posthumous).


$T a \mu \pi \epsilon \mu \circ$ is mentioned with vasious ocher localities in 2243 .
6 änò roü aviroü. The antecedent is unclear, perhaps $\Pi$ odépwooc, as the first localiy mentioned
${ }_{7}$ Qwuä Прavoûtoe Пeкveiov. On sequences of three names, see 380472 n .
9 $\Phi_{1} \beta$ ia ip (oû). This is the second reference to a doctor in an Apion estate account ater XVI 1912 103. Cf. also 5392.

10, it The sinusoids afrer the amounts of artabas may stand for (wai) rather than for $1 / 2$. Only in is and 23 does the position of the sinusoid make it clear that the fraction is meane.
${ }_{12}$ Apay. On this name, see M. Chauveau \& H. Cuvigny, ZPE 130 (2000) 183: J.L. Fournec. BASP 45 (2008) so-sz. P. Leid. Inst. 80 A is ( Oxy ; vin) ]apaî may reprosent the same name.

14 For the expression, of. 22432 29, PSI VIII 954.29.

is ' Kíov is called a ктijua, which implies that it was an iroikiov. Though there are severa villhge named Ilceiov, no e'тoikiov of chis name is known for this period.

17 (ímip) i8(íac) y $\overline{\mathrm{j}}$. Cf. 20. These were taxes on one's own land. See 380492 n.; Hidey, Wive 49 n. 6 r.

24 (ưneip) фóp(ou) $\mu$ uגaiou. Cf. 1912 96, 2243a 27; in both case the rent was paid in maney by

 attested in Oxyrhynchus and mainly in Apionic accounts, was cerrainly a apiation ars but linde is known about its nature; cf. 3804 зo n. The éxтaктa тpírje may well have been 'an umbredla cerm tor various vineyard-related charges'; see Hickey, Wine 69-70 (quotation from 69 n. 49; tor a somewhat different view, see 380496 n .). Hickey, 69, observes chat most attostations 'occur at site with apouhton chörion'; cf. 14 2bove.

The now charges have nor been combined elsewhere, but we find the poll-ax paid widh rent for dare-palms in 191186 and 3804 46, and with a price for row in 2243 a 26 ; in the last tert, payments for rent of a mill (cf. 24 here) and of datc-paims are mentioned in the next line. The referenca to poll-ax in contexts indicative of tenancy raise the question whether it was paid only by chose with particular ennancy agreements.
d $\pi \mathrm{o}$ vo( $\mu$.) , if i $\beta$ ' I cannot explain the use of the preposition, as nothing else seems to have followed in this line.
(a) On the back of the first sheet, under the endorsement (downwards, across the fibres), two entries about supplies of what seem to be irrigation implements:


 in $\delta($ eктiшvoc) тท () $\beta$

'Of Papnuthius son of Apima from the hamlet of Pineb. for the need of the irrigator "Of the Holding". Hachyr, gch indiction: ... 2.
"Of Pecois son of Mathizs from Ambioutos, for the need of the irrigator "Of the South" (?), Hathyr, 6th indiction: ... 2.'

 76, LV 3804213.
$\dot{A} A_{u p} \dot{\theta}$ iv (arriuroc). If $\AA$ is the number of the indiction and not the day, this indiction 9 will correspond to $590 / \mathrm{gr}$. But it would be odd to find a reference to indiction 6 in the next entry.
 an irrigator: see D. Bonneau, Le rigime administratif de leau du Nil (1993) 100. (My thanks io F. Morelli for discussion of the reading and interpretation of this word.)

Nutur: for Nốtoc = Nö́ou?
(b) On the back of the second sheer, written upwards, along the fibres, there are various sums of money:

$$
\begin{aligned}
& \nu o(\mu .)] \mu \gamma d^{\prime} \pi(a \rho a \dot{a}) c ı s d^{\prime} \quad . \quad a \lambda \lambda(a) \nu 0(\mu .) \nu \zeta \backslash \pi(a \rho a ̀) c \pi \zeta \zeta \quad \ddot{\alpha} \lambda \lambda(a) \nu o(\mu .) \\
& \xi \pi(a \rho a ̀) \text { с }{ }^{\circ} a \\
& \left.v o(\mu .) \nu \zeta_{\zeta}^{\prime} d\right]^{\prime}, \beta^{\prime} \pi(a \rho a)<\pi s \backslash d^{\prime} \quad a ̈ \lambda(a) v o(\mu .) v \eta \backslash d^{\prime} \pi(a \rho a \dot{a}) c q \gamma \backslash d^{\prime} \quad a ̈ \lambda \lambda(a) \\
& \nu 0(\mu .) \mu \delta \beta^{\prime} \pi(a \rho \dot{a})<\kappa \\
& v o(\mu .) ~ t a] \pi(a \rho a \dot{a}) v \epsilon \\
& 1(l e r), 2(l e r), 3 p \quad 1 \text { (bis), } 2 \text { (bis) a } 4 \text { 人) } \\
& { }^{\prime} 43^{1 / 4} \text { sol. min. 216/4/; another } 57^{1 / 2} \text { sol. min. } 287^{1 / 2} \text {; another } 60 \text { sol. min. 291; }
\end{aligned}
$$

$$
\begin{aligned}
& \text { 'II sol. min. } 5 \mathrm{~s} \text {.' }
\end{aligned}
$$

$3 \nu 0(\mu.) \operatorname{la}] \pi\{a \rho a) v e$. The restored figure is suggested by the fact that the mees of deducion are minus $s$ carats in four entries and just under minus $s$ in rwo others.
(c) Also on the back of the second shect, running downwards, along the fibers, the beginning of a reccipt, written as a scribal exercise:

'Given through Philoxen-'

> N. GONIS
5392. Top of Document
$97 / 102(\mathrm{a}) \quad 16.1 \times 4 \mathrm{~cm} \quad \mathrm{Pd}_{2}-90$
Plate IX

Of this document, called a 'receipt' in the endorsement, only the prescript survives. Stephanus and Georgius, chief physicians, address Praciecta, Apion (A. III), and Georgius, all three of them described as consuls and 'children and heirs' of Apion the pasticius (A. II). This is the first text to specify the relationship of Praeiccta and her sons to Apion Il, though uncertainties remain. What seems beyond doubt is that Apion III and Georgius were adopted by Apion II, as hypothesized by B. Palme in an important article (ZRG us (1999) 289-322). The straus of Praeiecta is less clear: she may have been either the daughter (Palme, ibid.) or the daughter-inlaw of Apion II. The former option would be the casiest, though the reasons for the adoption of the grandchildren would not be obvious; but it would have been an exraordinary messure in response to an extraordinary situation. Palme suggested that it might have been an atrempt to prevent Praseecta's husband from interfering with the inheriance. We now know that Praeiecta's husband was called Surategius (see 5396 and introd.). As the names Apion and Surategius alternate in the family, it would be natural to assume that dhis was Apion's son. Strategius may have predeceased his father (cf. J. Gascou, TóMByz 12 (1985) $69=$ Fiscalite et societe 192), which would have occasioned the adoption of the grandchildren, presumably minors at that ume, as well as of Praeiecta. This would be my preferred scenario, especially since a father's death would be the simplest reason for an adoption, and there is no secure evidence for this Strategius at Oxyrhynchus (see 53963 n .), though the picture from the Fayum is more complex and ambiguous. The alternative, which seems less likely, would be to assume chat Apion II adopted his daughter-in-law and grandchildren while his son was still alive, and these inherited the bulk of the estate at Oxyrhynchus; the motives could only be guessed at. An additional complication is that Apion II may have had another son called Strategius, viz. Strategius Pancuphemos. The latter is described in the Heracleopolite CPR XXIV 25 of 598 with reference to the deceased Apion II. Their relationship was given in the part now lost, but Strategius could only have been

Apion's son or heir (for the latter, cf. R. Mazza, Simblos 4 (2004) 278-9; S. Urano, Kodai 16 (2015) 179 n .27 ); otherwise, there would be no mention of Apion, who had died rwenty years earlier. Strategius had the same status as Apion III (sec 5398 4-§ n.), and may also have been of the same age. He may have been a son of Apion II from a second marriage (cf. J. Beaucamp, REByz $\varsigma 9$ (2001) 177 n .68 ), perhaps named afier his prematurely deceased brother. But this is pure speculation.

What remains of the document contains no date. The presence of Georgius indicates that it is earlier than late 590 , when we find only Praeiecta and Apion III in the preseript of XVI 1989: Georgius is last attested in 5391, which cannot be much later than the end of 588 . Apion and Georgius are styled gloriosissimi in 5381 of 581 , but we do not know when they received the dignity of ex consulibus (first attested for Apion III in 5386 of 58 s ).

5392 is of considerable palacographical interest, as it offers one of the rare datable examples of the 'sloping pointed majuscule'. A particularly noteworthy feature is the form of kappa, with its stem clearly detached from its arms, which becomes standard in the seventh century.

The text is written across the fibres on the recto of the original roll; there is a crudely made sheet join $c .3 \mathrm{~cm}$ from the top. The docket on the back is written near the top, in the same direction as the text on the front. The script is different from that of the main text, but it is unclear whether is is the work of a different hand.




Back, along the fibres:

1 ज̈nar[d]cen 4 amobey I. Cteqávou
'To Flavii Praciecta, the most extraordinary consuless, and Apion and Georgius, the most extraordinary consuls, children and heirs of Apion, the ... patricises, (from) Stephanus and Gcorgius ...'

Back: 'Receipt of Stephanus and Georgius, chief physicians ...'
2 foic úrepфuectároce únátocic is restored by reason of space.
ri]кvou каi кגทроуо́докс. In Oxyrhynchite texs of this period, the collocation is attested with Fl. loannes, "child and heir' of Fl. Euphemia, in XIX 2239 4 ( 598 ). I have not found any ocher instance in which adoption can be derected behind the use of these terms; they apply to full brothers e.g. in SB I 4483 (Ass: 62t).

3 The alsence of the Menas formula is noteworthy. See LXX 4786 inirod. (p. 93); below, 54007 n.
4 dipxuarp (思. The relevant literature and papyrological evidence on dipxiarpor is collected in CPR XXV 1.1 n., though it does not refer to dexuiarpoc, a less common form of the same word, of which
 үсขонé(vov) ápx"áтрои.

N. GONIS

## 5393. Receipt for an Axie

$541 B .25(B) / C(9)$ a $\quad 19.9 \times 22 \mathrm{~cm} \quad 9$ January 991
This is only the third known document addressed exclusively to Praciecta and Apion III, the others being XVI 1989 (3.xi.590) and 1990 (12.i.591). In the two other texts, Praciecta and Apion are called heirs of Apion II, but not here. It is interesting to find them referred to as $\pi \rho o ́<\omega \pi a ;$ sec below, 7 n.

The adscripticius who features in the document comes from a settlement that is either new or given a novel name; see 9 n.

The text is written along the fibres.


``` є \(\cup \in \rho \gamma\) ย́то \((v)\)
```

$\boldsymbol{\Phi \lambda \text { (aoutou) Mavpıкiou Néou Tißєpiou } \tau [ 0 ] \text { и̂ ainvíou Aúyoúctou каi }}$ Av̇токр(áторос) є́тоие
 iv (ıктím oc) $\theta$.

> (vac.)

























Back, downwands, along the fibres:


251. ánódeçıv 27 Xeipoypad
'In the reign of our most godly and most pious master. greatest benefactor, Flavius Mauricius Novus Tiberius, the eternal Augusius and Imperator, year ninth, in the consulship of our same most pious master, year 8 , Tybi 14 , indiction 9 .
"To Flavii Praeiecta and Apion, her son, the most extraordinary consuls, landowners here also in the splendid city of the Oxyrhynchites, through Menas, oiketes, who puts the formal question and supplies for his own masters, the same all-renowned persons, the conduct of and responsibility for the transaction), I. Aurelius Phileas son of Paleus, mother -oe, from the hamlet of Northern Aspida of the Oxyrhynchite nome, belonging to your extraordinariness, a registered farmer of yours, greeting. Since now too a need for one axle has arisen in the estate irrigator in my charge called "Of the ...", irrigating arable land. I came up to the city and asked your extraordinariness to order that the said axke be provided to me. And at once your extraordinariness having regard to the state of its affairs (provided) this (to me), bought by me in the fields, and put down its price to my accounts, new, serviceable, suitable for irrigation, satisfactory; (which) I reccived as completion of all the irrigation implements on this very day, which is the fourteenth of Tybi of the present ninth indiction, for the irrigation of the crops of the God willing tenth epinemess, the same axde is to serve the purposes of irrigation for a seven(?)-year period, while the old axle was given by me to the doorkeeper. And as evidence for the receipt of the same axle 1 have made this cheirograph ...'

Back: 'Cheirograph of Phileas son of Paleus ...'
1-3 For the regnal formula, see $\operatorname{CSBE}^{2} 260-61 ;$ cf. 5394. For the conversion of the date, sce $\operatorname{CSBE}^{2}$ 153, 160.

7 паvєифи́ ( 887 ). The three texts are the work of three different scribes.

тросш́note. Both 19898 and 1990 i2 have ávסpáctv. In LXX $47984 \mathrm{n} ., 1$ suggested that the use of the latter term in these two texts may be 'due to the fact that Praeiecta and Apion are addressed as

кגךрооó $о$ ок, a term always coupled with divópáci. We now know that this was a predilection of the scribes working with Anastasius, who signed 1989 and 1990: sec above, 5388 introd.

9 Act! $\delta \hat{a}$ Boppivoû. The setulement Acriঠå and is Apionic connections ane well known, see
 ared in the northern part of the Oxyrhynchite nome, as we may surmise from XVIII 2204, where it is included in the same prostasia as Spania and other hamlecs. One of these hamlets, Phnza, may be che same as $\Phi_{v a}$ Bopp(ivoiv) in P. Sijp. 37.18 (vis/vii). It may be that Boppıvoù merely indicated the location of the familiar 2 icmi $\delta \dot{a}$ rather than a different sectlement.
 out that this rype of abbreviation is also attested in P. land. III 48.14 ( $\mathrm{Oxy:}$; 882).

12 ungoc. The first letter may be alpha. The name is not known ocherwis.
${ }_{13}$ The supplement printed at the start looks about four letters too long perthaps ivó droppod our after avisovoc.

 replacement parts, these are always axles, bought 'in the fields'.

21-6 What survives of these lines is given by a small detached fragment; the line-braks in the eer above are not certain.

23-4 On these clauses, largely restored, see LXX 4788 19-21 n., 20 n.; 4788 is too had rat of
 that the working life of the axle was shorter than seven years (five in XVI 1988).
 end of 25 , тoû aúrov̂ â̂́sovoc is only a stopgap; the spare part is specified in the comreponding clause in P. Mil. I $64=$ SB VI 9503.13 (Oxy.; 440), but not in documents of this period.

> N. GONIS

## 5394. Receipt for a Replacement Part of an Irrigator

$541 \mathrm{~B} .25(\mathrm{~B}) / \mathrm{C}(7) \mathrm{b}+(8) \mathrm{a}$

$$
23 \times 11.6 \mathrm{~cm}
$$

14 November 992
'This document includes the earliest appearance of Apion III on his own, antedating that in XVIII 2202 of 27 March 593. His latest previous atcestation is in XVI 1990 of $t 2$ january 591, where his mother Praeiecta is also present. Praciecta is last heard of as alive on 7 September 591, in the Heracleopolite P. Erl. 67, and XIX 2243a implies her presence at the head of the Oxyrhynchite estate some time after the end of indiction $9=590 / 91$ (see above, 5381 1-2 n.); she was dead by 22 October 595 (5396). It is conceivable that Praciecta disappeared from documents addressed to Apion III because she died some time between late 591 and late 592 The possibility that her absence is due to Apion's atcainment of the age of majority should be excluded: it was once thought that Apion III was 'still a minor' in 591 (LV 3804 introd.), but J. Urbanik, $J / P_{34}$ (2004) 273, points out that there is no reason to adopt this opinion, especially since Apion was married by 592 .

The text is written along the fibres.

##  Cutîpoc <br>  єن่еруétou

$\Phi \lambda$ (aout̂ov) Maupikiou Néov Tißepiou toû aimviov Aúyoúctọ y кai











Back, downwards, along the fibres:


'In the name of the Lord and Master Jesus Christ, our God and Saviour. In the reign of our most godly and most pious master, greatest benefactor, Flavius Mauricius Novus Tiberius, the eternal Augustus and Imperator, year in, in the consulship of our same most pious master, year 10. Hathyr 18, indiction eleventh.
'To Flavius Apion, the all-renowned and most extraordinary ex consulibus, landowner here also in the splendid ciry of the Oxyrhynchites, through Menas, oikeres, who puts the formal question and supplies for his own master, the same all-renowned man, the conduct of and responsibility for (the transaction), I, Aurelius lustus son of Amuthius, mother ..., originating from the hamlet of -lous of the Oxythynchite nome, belonging to your extraordinariness, a registered farmer of yours, greeting. Since now too a need has arisen ..."

Back: 'Cheirograph of lustus san of Amuchius ...'
1-2 For this type of Christian invocation (also used at $5400{ }_{1-3}$ ), sce $\operatorname{CSBE}^{2}$ 100, 102, 290.
${ }^{2-4}$ For the conversion of the date, see P. Oxy. LVIII p. 54, and CSBE $^{2}$ 1s3, 160; for the regnal formula, see CSBE $^{2}$ 260-6.
 III at this time, before his rise to the patriciate; see LVIII 3939 4-s n. XVIII 2202 (593) omies kai
úrє $\rho \phi \cup \in \subset \tau \alpha \dot{\tau} \neq$, but this remains an aberration; the presence of the epithet in 5394 shows that it was not added later and does not represent any 'increase in dignity'.
$9 A_{\mu}[0]$ utiou. (I owe the reading to WBH.) The name is mare (TM NamID 16649). $A_{\mu}$ oif was read in SB XVIII 13922.2, which probably comes from Oxyrhynchus, but the writing sufface after $\theta$ is lost; read $A_{\mu}$ ou $0\left[\right.$, possibly $A_{\mu}$ ov $\theta[$ \& $\varphi$.
to .... Aove. The ending suggests Cwedove, a sectlement known exclunively from documents of this date, mostly Apionic; see RSON² 348. But eke is too short for the space and will not account for the oblique trace before douc; possibly Cкedlouk, a spelling found in Arsinoite documents of late date, but the first lambda would be rather narrow.
N. GONIS

## 5395. Deed of Surety

76/8 (1B.25)

$$
37.3 \times 27.6 \mathrm{~cm}
$$

592-602
A part of the consular formula is all chat remains of the dating clause, but the tert can be placed in the last ten years of the reign of Mauricius on the basis of the iutularure of Apion III, which indicates that it predates his rise to the patriciate, effeceed by late 604 but probably already by mid 603 ( 53962 n .). There are 'no consularly dated papyri' from $603-4$ (CSBE ${ }^{2}$ 214), and in fact the Oxyrhynchite evidence from these two years is scant. Thus it would be sensible to consider the text not later than 602.
 post and the $\pi$ oגıtıкòv ckpiviov itself were not previously known, and the papyrus offers useful information concerning the structure of a government office (see furcher $4-\} n$.). The person under surecy originates from a кú $\mu \eta$, exceprionally nor described as mayapxovцèv. He is, as expected, not an adscripticius ( 5373 introd.), and his status is defined by the vicanea condicio (cf. 5378). A further point of interest is the penalty to be forfeited if the terms of the swety are breached; three pounds of gold, the largest sum recorded in a document of chis kind.

The text is well preserved except for some damage at the most exposed parts of the rolled-up package, i.e. the two extremities (top and foot of the document) and the outermost panel (line beginnings). The ends of the lines are covered by a dark substance other than ink; decipherment was facilitated by a multispectral image created by Dr J. Brusuelas.

The writing runs along the fibres. Sheet joins are visible near the centre and dlose to the left and right edges, the distance from the edge of one sheet to that of the next being 16.8 cm .



























 èvєкєע $\pi \rho \circ$ фácє $\omega c$,


 тарасхєiv каі катаßалєєі

## 


 $\mu \circ$ и́тоста́сєшฺс. кирía



 каі а̉лє́̀خса. $\dagger$
(m.3)

Back, downwards, along the fibres:

25
 á $\pi \dot{o} \kappa \dot{\omega} \mu(\eta c){ }^{`} \Omega \phi \epsilon \omega[c$

' . . in the consulship of our same most pious master, year $n$, month, day, indiction.
'To Flavius Apion, the all-renowned and most extraordinary ax consulibus, landowner here aleo in the splendid ciry of the Oxyrhynchites, through Menas, oiketer, who puts the formal quertion and supplies for his own master, the same all-renowned man, the conduct of and reponsibility for (the transaction), I, Victor, the revered assistant of the civil bureau of the local civil administration office, san of Georgius of blessed memory, signing below in my own hand, from the ciry of the Oxyrhynchite, wiying the claim of any demurrer of court and legal process and help from the laws which is appropriate or capable of being appropriate, particularly the new edict issued about guarantors, greeting. I acknowledge by willing resolve and voluntary choice, without any guile, swearing by the holy life-giving Trinity and by the royal well-being, that I guarantee and pledge to your extrsordinariness, through your subordinates, Aurclius Abraamius son of Anuthius, mother Sophia, originating from the village of Ophis of the Oxyrhynchite nome, on condition that he shall remain continuously and abide in his village with his dearea ones and all his things, being responsible for everything that pertains to his person, that is, the condition of the villager; and he shall by no means leave nor transfer to another place, but if he is required of me by your extraordinariness through your subordinates on whatever day for whatever tesoon. I shall bring him forward and deliver (him) up without recourse to any place of refuge or letter of safe-conduct in the place where I have also reccived him, in the prison of your glorious house. If I fail to do this, I acknowledge that I shall supply and pay' three pounds of gold to your extraordinariness through your subordinates for his non-appearance, actual payment of which is to be enforced, at my own risk and that of all my belongings.

The surety, writen in a single copy, is binding, and in reply to the formal question I assented.' (2nd hand) 'I. the aforewrimen Victor, by God assistant of the civil bureas, son of the blessed Georgius, guarantee and pledge for the aforesaid Abramius on (the terms mentioned?) in the present surery as aforesaid, having signed in my own hand, and I delivered (the concract).'
(3rd hand) 'Completed through me ...'
Back: (?1st hand) 'Surety' of Victor, the revered assistant of the civil burcau, from the city of the Oxyrhynchites, pledging for Abraamius son of Anuthius from che village of Ophis.'
 cial has not occurred in papyri previously, but his function may be paralleled by rwo unpublished and no longer identufable Vienna papyri (see Lex: Lat. Lehnw. I si): Métpor ádıov̉rwp cкpıviou and $\Phi$ d. Ioúdıoc àsoür (wp) cкpiviou रpucıx|. All other non-miliary adiutores found in papyri offer no information about their role. Victor the adiutor was a lowly assistant attached to the serinium rather than the primiscriniws, a much more senior post (ef. B. Palme, AnTard 7 (1999) 109): according to the Notitia Dignitatum, Or. XLIV 10, there was only one person of the later category in the model prasidial officium, and the description of Vietor's post relates to only a part of it; his epithet aidectuoc (and his faulry spelling) would also be comparible with a lowly role. The nodıresòv cкрivov is also new; a scrinium is technically a physical space (d. Palme, loc. cit. 100 n. 78), but here the reference is probably to the judicial branch of the officium, headed by the princeps officii. The other branch, dealing widh finances, may be deeected in capiviou रpuesx| in the texr mentioned above (we would expect tapeciaxóv).



 of Arcadia is normally described as ìpcuovккท่ тágic. It is last certainly so called in LVII 393410 ( 588 ),
 supply [īrcuoveкī¢]; cf. BGU III 749.1 (Ars.; Thoth, ind. I1, and the hand has a late appearance: 592/607,

 rá $\} \epsilon \omega c$.




 tion to $\mu$ ol or, as WBH suggests, it may have been "inherited from a text in which it was in agreement with $\pi$ povoni $\psi^{\prime}$. For the collocation cf. c.g. LXIII 4397 i4 (S45). In CPR VII 27.4, in a similar context, the plate shows that $\delta u v a \mid \mu$ eirac can be read in place of $\delta u m$ |eoperver.





 L Migliardi Zingale, Le costiruzioni giustinianee nei papiri e nelle epigrafi ( ${ }^{2} 989$ ) 69, no. 23 .

8 dixa navtò dódou $\chi$ wpic. This redundant combination appears not to occur elsewhere.

8 $\rightarrow$ This seems to be the earliest instance of an oath by the Trinity and the royal well-being in an Egyptian document, but such oaths occur in carlier sixth-century papyri from Perra and Nessana (then again in SB XVIII 13173 of 629). The reference to the Trinity as 'life-giving' is otherwise fint atteted in Hermopolite invocations of the reign of Phocas, namely in BGU XII 2207.1 (606) and XVII 2694.1 (608).
tI "S\$фewc. A well-attested village since the carly Roman period; see RSON" 44s-8. The Apions had landed interests in its area, and in XV1 1981 16-17 (612) it is described as naүapxoupri(nx) mapà той


16 т̦ароiceu. For the use of the future tense, see 537514 and n .



18-19 xpuciou dítpac тpeic. On fines mentioned in surcties, see B. Palme in Symposton sg99 (2003) 545-51. Three pounds of gold, equivalent to 216 solidi, is the largest fine mentioned in any document of this kind. This may reflect the guarantor's financial means rather than the graviry of the (unmenvioned) offence that led to the imprisonment of the person under surect. In XXIV 2420 (614). a chartularius of the Apion estate who pledges for two persons will be charged one pound of gold, i.e., $1 / 2 \mathrm{lb}$. for each of them, if things go awry. We find the same amount in 5396 ( $\varsigma 9 s$ ), where the guarantor is a riparius of the Heracleopoliec estate of Apion III, and the fine is srated to be $1 / 2$ pounds of gold for three persons. All other fines are lower: 8 solidi in I 135 ( 579 ) and P. Pintaudi i9 (v); 2 ounces of gold in XLIV 3204 (s 88 ) and is equivalent, 12 solidi, in LXIX 4757 (late vi), both surecies addressed to FI. Anastasia; 16 solidi in 5397 . In SB XVIII 14006 ( 635 ), the sum to be exacted may have been 24 solidi: in 1.27 we should perhaps restore ciroci [réccapa, which offers a good match for the length of the lacuna. It is remarkable that the number of solidi is generally given in multiples of four.

21-2 I have considered reading something on the lines of 1 тi roic ipaavaферацévose (©. 5373 23), but it is not entirely compatible with the traces.
${ }_{23}$ The remains of $[[t e][i o r] 56$ are a good match for the ductus of this word in signatures of the notary Anastasius, attested between 579 and 595; sec LXXVII 512430 n.

> N. GONIS

## 5396. Deed of Surety

$56: 1 \mathrm{~B} .25 / 66(\mathrm{a})+67(\mathrm{a})$
$33.7 \times 29.4 \mathrm{~cm}$
22 Ocraber s9s
Plave IV (L 2 )
An dexicúpuaxoc of the 'glorious house' from Heracleopolis stands surery for three craders, one of them a priest, from a Heracleopolite village. This is one of the very few sureties of this provenance and date to have come down to us, and by far the most extensive; most other Heracleopolite sureties date from the fifth and the mid seventh centuries and later. There are several novel expressions.

The text shows beyond doubt who the parents of Apion III were: Strategius and Praciecta, both deceased by the time when it was written; che same information is supplied by a Heracleopolite document of 607 (see below, 2-s n.). Apion's father cannot have been the socalled Strategius Pancuphemos, as had once been suggested, since the latter was still alive in the second decade of the seventh century; cf. 5399 of 612. One possibility is that Strategius
the father of Apion Ill was a son of Apion II; in that case, Praciecta would not have been a daughter of Apion II; see further above, 5392 introd.

The document was written in Heracleopolis but found in Oxyrhynchus, with the other documents of the Apion estate. Another such text is XVI 1917, which relates to Heracleopolite holdings and is written in the characteristic Heracleopolite style of handwriting. ${ }^{1}$ I am not aware of any other published text among the estate papers with the same origin. ${ }^{2}$ The evidence for the Heracleopolite estate of Apion III is meagre; besides 5396 and the document mentioned in the previous paragraph, we only have SPP $111^{2} .186$ ( 593 ); cf. also P. Erl. 67 ( 591 ), which autests the oikos of Praciecta, Apion's mother.

The text runs along the fibres. The edge of a sheet join seems to be visible about 25.4 cm to the right of the lefi edge. The pattern of the damage indicates that the papyrus was thrown away rolled up.

## traces of one line









${ }^{1}$ LVIII 395826 n . ( $=$ BL X 144) assigned 1917 to $616 / 17$ on monetary grounds, but I agree with the statement in the ed. pr. that "the character of the hand suggests a date fairly early in the sixth century'. This rype of handwriting is extremely rare after the middle of the sixth century. Assuming that 1917 was found with the Apion estate papers, I would be inclined to identify the consul and the fifth indiction
 and $356 / 7$ (the reference to a consul would also be problematic in 616/17, at a time when Apion III was a parricius). The possible occurrence of the secretary Pamuthius in LXII 43507 of 576 and 1917120 would also point to an carlier date; cf. Hickey, Wine 49 n. 60.
${ }^{2}$ An Apionic text associated with Heracleopolis is 1144 (M. Chr. 343) of 980 , a receipt for money paid as a tax instalment. The text would have been addressed to the heirs of Apion 11 (an implication of
 some other association with Heracleopolis (3). This does not make the text Heracleopolite, as suggested in BL VIII 233; the tax revenues most probably came from the Oxyrhynchite estate (see most recently G. Bransbourg. JLA g (2016) 352 n. 148, 364), their destination was Alexandria, and the receipt could have been issued by a civil servant. The person who issued it was not an estate employec: he refers to the estate
 apparatus, but a photograph shows that the papyrus has $\dot{v} \mu(\omega)$ ).


 ṕtmápıov únṫp aủroû
 ácфалеíac Síx ${ }^{\text {Sódou каi }}$
 тท̂c ن́ $\mu \epsilon \tau \epsilon ́ \rho a c$ и́тє $\rho \phi$ иєíac
 Патvou日iou каi
 $\kappa \dot{\omega} \mu \eta с \dot{\nu} \mu \epsilon \tau \in ́ \rho a c$


 каi $\pi$ apaסoûvat
 оіасठŋंगотє катохท̂с


 тросш́тои





 Пגочтivoc ápхıcúpнахос тои̂


 aủтoû. $\dagger$
(vac.)
$\dagger \operatorname{diem}[u] . .$. [ ]....[

Back, downwards, along the fibres:




©... Phaophi 24 of the auspicious fourteenth indiction, at Heracleopolis. To Flavius Apion, the most glorious and most extraordinary consul, son of Strategius and Praciecta of well-famed memory, through Elias, your oikeres, who is also present and purs the formal question and supplies for his own master the conduct of and responsibility for (the transaction) arising from this question, as well as all rights, Plutinus, chief gymmachos of your glorious house, son of Elias, from Heracleopolis, knowing letters but not able to sign because of his eye affiction. but he entrusted his brother Chrestus, your riparius, to sign on his behalf, greeting. I voluntarily acknowledge through this written band of mine, without guile and fear and violence and deception and force and without plundering, that I guarantee for your extraordinariness through your subordinates and receive Macarius, presbyter, son of Papnuthius and ... Kerekon son of Menas and Abraamius son of Anup, traders from your village of ... -eine of the Heracleopolite nome, whom, whenever they are sought by your extraordinariness through your subordi-nates-on condition that I produce and deliver them in the public prison of this ciry or in your glorious house, without any lien and prevarication whatsoever, just as I have received (them). If I do not do this, I acknowledge that I am responsible for applying myself to their delivery, or for providing you for the non-appearance of each person with half a pound of gold, total $11 / 2 \mathrm{lb}$. of gold, at my own risk and that of my present and future belongings. And 1, the aforewritten Plution, chief gymmachos, agree that I will be ready, when, God willing, I am healthy, to sign this on such a surety unimpededly. The surety is binding and having being questioned on all these (terms) I assented.' (2nd hand) 'I, Plutinus, chief symmachos of your glorious house, son of Elias, the aforewritten (person), have made this surety and everything satisfies me as aforesaid. I, Chrestus, riparius of the same glorious house, wrove on his behalf because he has an eye affliction, having been entrusted by him.'
(3rd hand) 'Through me. ...'
Back: (ist hand) 'Surery made by Plutinus, chief symmachas, son of Elias, from Heracleopolis, guarantecing Macarius and ... and Kerekon and Abraamius, traders from ... -eine.'

11 have not been able to match the traces with what is expected at this point, a postconsular formula of Mauricius.

2 This fourteenth indiction corresponds to 595/6; a date in the next indiction cycle is impossible, since Apion III was a patricius by 27.xii.604-2s-i.60s (IV111 3941), whereas he is only described as a consul here. Apion is styled patricius also in the Heracleopolite document of 607 cited below, $2-5 \mathrm{n}$.

Apion may well have been a patricius by carly 603. Greg. Epist. 13.35, dated June 603, is addressed Eusebiae patriciae, Apion's wife (PLRE IH1A 467, Eusebia 2); a patricia would strictly be the wife of a patricius. Gregory appears to have written in reply to a letter of Eusebia, who would have informed him on recent news, and perhaps even called herself a parricia; it is interesting that in June 603 Gregory also wrote
to Phocas to wish him well and advise him on his new function (Episf. 13.34). As late as 29 Deceember 602, Oxyrhynchite scribes were aware neither of Apion's patriciate (PSI III t79: for the date, see LVIII 3933 $2-3$ n., item $10=$ BL X 236) nor of Phocas' assumption of power in late November 602 . Unles Gregory's usc of the term parricia is non-technical and reflects Eusebia's origins (he reperiedly addresed her mother Rusticiana as a patricia), it is reasonable to assume that the patriciate was conferred on Apion soon ater Phocas established his rule-no doubr a political move on the part of the new emperor.







For the address to Apion, cf. P. Vindob. G $13381+22003.7-9$ (10.iv.607) $\Phi$ (aovíw) Aziuvn



 and $5388{ }_{4}$ and 5389 s in this volume.

Crpatpriou. As mentioned in 5392 introd., I think it likely that this was a son of Apion II rathes than a son-in-law. Mazza, L'Archivio degli Apioni 68-72, collects the evidence connected with 'Stracgius III', Apion's putative son; if we remove the Arsinoite references, the only Oxyrhynchire document that may attest him is XV1 1829. Two others have ofien been associated with him, but they cerrainly refer to different Strategii. First, 1 130, a petition to Apion, patricius and dux of the Thebaid, which mentions Apion's son Strategius, was long thought to refer to Apion II (PLREII1A 97-8, Apion 3; P. Sarris, Ecronom) and Society in the Age of Jusrinian (2006) 18) and date from $548 /$, but the idenvification has been condusively refuted; see B. Palme, ZRG us (1998) 294 n. 14. The other text is XVIII 2195 , esare accouns for a 10th indiction, which surely corresponds to $576 / 7$; when it was published, Apion II was known to have

 to Apion's son. J. R. Rea, P. Oxy. LV P. 97, has shown that these are historic, not contemporary references. for the fossilization of such entries, see Palme, ZRG us (1998) 296 n. 18; also Mazza, LAArhivio 71, who rightly suspects that this is Strategius II, the father of Apion II. The use of the epither मeyadorpennecreroc, appropriatc only for praesides Arcadiae and spectabiles comiers after the mid sixth century, also indiares the age of these expressions. The same considerations apply to XIX 2243a 84 ( $\mathrm{sg} / 2 \mathrm{l}$; see above, 5381 $1-2 \mathrm{~m}$.)



 documents from Upper Egypt: P. Herm. 24.8 (Herm.; iv/v ed. pr.; vi/vit aher BL V 45), BGU IV 1020.18-19 (Herm.; vi/vi1), P. Lond. I 77.81 (Hermonch.; c.610), P. Apoll. 57.11 and 58.3 (vil). But f. the carlier XII 1473 21, 24 (201), I 56 = M. Chr. 320.12-13 (203), XII 1467 9-10 (263).

סurópevoc. For this form, see Gignac, Grammar ii 384-s.


iфdahuriourpa, no doubt in a periphrastic construction with flvat omitted (I owe the observation to




 judge from the published phorograph and the online image, the traces of the letter before $p$ ( $\rho$ is secure: no dot needed) are cerrainly compatible with $X$, but then $\eta[c]$ is not an ideal match for the trace and space; still, $X_{\rho j}[][$ tov should be considered. If the identification is correct, it would provide a further resson for dating the text to 26 August 593 (the alternative would be to identify Apion with Apion It and date the ext to $\$ 63$. before he became a parricius). For another riparius in similar employment at



8-9 dixa $\delta$ ojou каi ... cuvaprayif. On these clauses, see CPR XXIII pp. 248-57. The term evrapmarin is found almost exclusively in documents from the Thebaid, the only orher exception being the C) mopolite T. Varie isA.s.
 is a mistake for the dative, and occurs in very few sureties.

10 mpecßiverpor. This is the first time a clergyman appears among persons under surery, though he also has 2 seculas profession, being most probably an estate employec (sce below, is n., on прауратеviai). There are several examples of priests atrested in the employ of estates; see G. Schmelz, Kirchliche Amststräger im spätantiken Agypten (2002) 242-5.
${ }^{1}$ Kepeкwira. Cf. the endorsement (26), where the name is read without difficulty. This may be a by-form of the name Kupiakóc, occasionally found as Kepecóc. It is unclear what was lost in the lacuna 2t the beginning of the line. кaí, which precedes the name in the endorsement, will not fill the space. One might wonder whether кai Aúpphiouc (abbreviated) was written; Macarius, a priest, would not be 2n Aurelius but the other two would; yet the guarantor and his brother are not called Aurelii.
 would have been a dependency of the 'glorious house' (see 6). There are several in $\rho$ аү $\mu$ aтevzai attested in connection with the Oxyrhynchite estate of the Apions; see LV 3805 121 n., and LXX 479412 n. Their function is unclear, but their status would have becs a lowly one (an èva tóypaфoc $\pi$. in 4794 12).
 of P. Ross. Georg. 111 32.6, see P. Gen. IV 188.9-10 n., where such expressions are discussed).

12 ]!umc. Cf. 25. We may think of the villages described as Bappuvi or Nazu 1 , but we would have to assume an itacism. $K[a] a r j$ ge should be excluded: it cannot be read on the docket, and it would be hard to fill the lacuna at the beginning of the line.

 would govern oücrivac, the scribe began a new construction (anacoluchon), though a formulaic one in documents of chis kind. Cf. 5377 2-4 and 4 n .

13 चapayareiv. For the use of the verb in this context, see CPR XXII 4.14-16 n .
 is unique. Onc implication is that, unlike at Oxyrhynchus, there was no prison of the "glorious house" at Heracleopolis. For the $\delta \eta \mu o c i a$ eipктì. sec CPR XXIV 24.12 n.
is каAier кai $\pi \alpha \rho$ cìinфov. A common expression in land leases but not in suretics, which normally have efvoa at this poine. On the form парeí $\lambda \eta \phi \circ v$, see CPR XXIl $4.18-19 \mathrm{n}$.

15-16 ó $\mu$ одоү⿳⺈

 Suppl. ('supply besides') and LBG ('dazu einsetzen'). There is no parallel for the use of this rare veh in this context.
 pound of gold, i.e., 36 solidi, is a large finc, but not the largest anested in sureties; see 5395 18-19 n .

18 Ihouriwu. Contrast 7 Aourivoc in $s$ and 20.
19 íroû íyıaivovtoc. For this irregular use of the genitive absolute, see Mandilares, Verd 55909-10.
24 I have not been able to match the remains with the signature of any known notary. There are four fragments; two of them join to form the beginning of the signature, one preserve pan of the notary's name (no letter can be identified with certainty), and another comes from close to the end of the signature; it is unclear whether the writing in this fourth fragment is Latin or Greek. Heradeopolite signarure of this date can be in Latin script followed by Greek; cf. c.g. in SB V1 9193 of 596 (wihh BL VIII 34 ). The penultimate letter may be $e$ or $\epsilon$, with the top in a separate piece; but there are no secure parallds for versions of eteliotheléredetwí $\eta$ a mong Heracleopolite documents of this date.

25-6 The structure of the endorsement finds parallels in the two Heradeopolite sureties whose dockess are preserved, viz. CPR XXII 4 and SB XVI 12717, both from the ime around 6 go. I have $\pi$ -
 XXII 4.30 apparently eryupete(vou). (Note that the participle is not preceded by the aride in either of
 does not seem to be there.) The docket will have continued with a reference to Apion, eg. [eie Aviuma


N. GONIS

## 5397. Deed of Surety

$541 \mathrm{~B} .25(\mathrm{~B}) / \mathrm{D}(4) \mathrm{a} \quad 20.1 \times 19.1 \mathrm{~cm} \quad$ Sixch/sevench century Plate VIII (IL 5-16)

This is an unusual document: the person under surery is a cook of 'the glorious house', no doubt of the Apion family, and his duties upon release from prison are not even hinted at
 Stratcgius Paneuphemos or Apion III (see below, 17 n.). The dating clause and prescript are lost, but the presence of the notary Papnuthius places the document in the later sixth cenoury or at the beginning of the seventh; the surcty would have been addressed to Apion III or the heirs of Apion II.

A sheet join runs about 9 cm from the right edge. The text is writen across the fibres on the left-hand sheet, and along the fibres on the right-hand sheet. The lef-hand sheet must have been part of the first sheet of the original roll (protokollon); d. LVIII 3946.










 $\dot{\omega} \mu о \lambda$ (ó $\gamma \eta<a$ ).

 is (نٌmép) av̉тоû à $\gamma \rho(a \mu \mu a ́ \tau o v)$ òvzoc. * di emu Papnutiu et(eli)othh

Back, downwards, across the fibres:



|  |  | 10 virculunoc, virco |  |
| :---: | :---: | :---: | :---: |
|  |  | 13 บ゙ac | 14 троy |
| 18 aval | (p) ©viot |  |  |

'... guarantee and pledge to your extraordinariness, through your subordinates, Anastasius alias Carus, a cook of your glorious house, mother Maura; and if he is sought from me by your extraordinariness through your subordinates on any day, for any reason whatsoever, I shall bring him forward and deliver him up, without (recourse to) any refuge, in the place where I have also received him, in the prison of your glorious house. Or if I fail to do this, I acknowledge that I am accountable and that I shall pay for his non-appearance sixteen solidi of gold, actual payment of which is to be enforced, at the risk of my belongings. The surery; written in a single copy, is binding, and in reply to the formal question I assented.' (2nd hand) 'I, loanner, chief symmachos, son of Pamuthius, the aforewritten, have made this surety as aforesaid. 1, Papnuthius, wrote on his behalf because he is illiterate.'
'Completed through me, Papnuthius.'

Back: 'Surety of loannes alias Lacan, chief symmachos of the house of the all-renowned ..., pledging for Anastasius alias Catus, a cook of the glorious house.'
$4 \mu a ́ y!\rho o v$. On estate cooks and kitchens, see E. R. Hardy, The Large Estater of Byannine Egp! (1931) 83.
; לךтoúpcyov. The compound ( $\dot{\pi} \pi \zeta_{\zeta}$ ) is far more common; see P. Pintaudi 19.18 n.

${ }_{11}$ On financial penalties in these documents, see 5395 18-19 n.




 sion is novel; it is also temarkable in that it does not occur in any of the many other sureties in which Papnuthius signs on behalf of illiterates.

16 Papnuthius is attested between 570/71 and 610 (cf. above, 53678 n.; see further LXV1 453539 n. and LXX 479424 n.). Most of his attestations come from the sfos and 590 s. Cf. 538224.

17 Aakav. The name was previously attested in this form only in P . Vind. Tand. 16.13-15, 37

 ment. On the face of it, these should be rwo different oikot. The 'glorious house' is that of the Apions; the other would be that of some other high-ranking person, such as the so-called Sirategius Pancuphemos if. 5398-9) so that we could have (трaтtrió, natpiкiov, or unadrov in the lacuna at the start of 18 . But it is also possible that the same olkoc is meant.
 by the references to holdings at Pakerke and Pompano; the reference to an antigroushor suggests that the patricius is Apion III rather than Apion II, and the assigned date, 'sixith/seventh century', should be
 refers to Apion III; sim. 39578 (611 or 612). From outside Oxyrhynchus in this period, we have SPP





5398．Receipt for Pamment of Salary
6） $6 \mathrm{~B} .38 / \mathrm{B}(4-6) \mathrm{b}$
1 September 598
Plate XV
This text and 5399 expand the small Oxyrhynchite dossier of the magnate commonly called＇Strategius Paneuphemos＇，assembled by B．Palme，Chiron 27 （1997）95－125；SB XXVIII 16873 （Ars．；592），＇CPR XXIV 25 （Heracl．；598），P．Eirene IV 40 （Ars．；6is），and P．Vindob．G 26585 ，ed．G．A．J．C．van Loon，BASP 54 （2017）127－42（Ars；；6i6），are later additions，whereas P．Vindob．G $25886=$ SB XXIV 16222 has been shown by F．Morelli，Tyche 23 （2008）139－57， not to belong．The other Oxyrhynchite documents in the dossicr are LVIII 3935 （591）， 3936 （ 598 ），SB XXII 15487 （ 598 ），LXVI 4535 （ 600 ），and XVI 1991 （601）．As its inventory number indicares， $3936=6 \varsigma 6 \mathrm{~B} \cdot 38 / \mathrm{C}(9-10)$ a，another salary receipt，was found in close proximity to 5398.

The text is a receipt for salary paid to a stableman；for the transaction，cf．SPP $11 I^{2} .196 .4$ （Ars．； $640 / 65 s$ ）．The arrangement is unusual：the stableman is represented by a senior admin－ istrator of Strategius，the well－known comes Apollos（see 5－7 ת．），and is paid by the wife of a deceased pronoetes of the estate，who presumably assumed her husband＇s role upon his death．

Oxyrhynchite receipts for salary of this date are commonly notarial documents in the form of a subjective homology；cf．LVII 3914 （ 519 ），XXXVI 2780 （ 553 ），XVI 1992 （ 572 ），and LVIII 3936，mentioned above：only XVI 2006 （v）is comparable to 5398 ．For the format cf． also the fragmentary PSI 111223 （Oxy；579）．

The text is written along the fibres and the back is blank．A sheet join runs $c .2 .5 \mathrm{~cm}$ from the right edge．


```
    <та\beta\lambdaíт\eta< т\etåс
    \muוкрâc oủcíac
    Cтрат!\eta\gammaiov тои̃ \piаvєиф(\eta
s v̇\piáтov, \delta\iotaà A\piо入\\omegä
тоú тєр\imath\beta\lambda\epsiloń\piтт!⿱
ко́\muєтос \delta\iotaокк\etaтой
```



```
\piaр\dot{\alpha}[\tau\hat{\eta}\gamma]a\mu<\tau\grave{m} той
```

[^5]10 $\mu$ акарі́о Пано $[v \theta]$ iov

$a \dot{v}]$ ？$\grave{c}$ ¢ $[0]$ ủciaç тòv




סєvтє́pac ivס（ıктíwvoc）$\tau \dot{\alpha}$
aipoûvтa［a］ủтท̂
$\pi \lambda \hat{\eta} \rho \epsilon c, \tau о u \tau \in \subset \tau \iota \nu$
cítov ápтáßac

каi $\pi \rho!̣[c] ~ \dot{~} \mu \epsilon \tau \epsilon \in \rho a \nu$
ả＜фá入［ $\epsilon i] a \nu$ тaứtŋ ${ }^{\nu}$
$\pi \in \pi$ оí $\eta \mu a \iota \tau \eta \eta_{\nu}$
$\pi \lambda \eta \rho \omega \tau \iota \kappa \eta{ }^{2} \nu$
áто́ $\delta \in \iota \xi \iota \nu, \eta ँ \tau ル$
є́［ $\gamma \rho a ́] \phi \eta$ è $\pi i \mu \eta \nu o ̣ c$
$\Theta \omega \theta$ тєтá $\langle\rho)_{\tau \eta, i} i \downarrow \delta(\imath \kappa \tau i \omega \nu o c)$
סєutépac，＋êtove
＜оє с $\boldsymbol{\delta}$ ．／

счцßо入（аьоүра́фоv）є้ $\gamma р а \psi а$ ．


＇I，loannes，stableman of the small estare of Straregius，the all－renowned consul．through Apollos， the spectabilis comes，his administrator，（I）received and was paid by che wife of the blesed Pamuthius， lormer overseer of the same estate，the salary given to me by custom，for the need of the seme sableman， and for the presene sccond indiction，what falls due on it in full，that is，sixeeen anabas of wher．tood 16 art．of wheat．And for your sceuriry 1 have made this receipt of payment，which was writen in the monih of Thorh，（day）fourth，indiction second，year 275／244．＇
＇Through me，Georgius，contract－writer－I wrote．＇
2 craßגitrp．On this occupation，see P．Heid．V pp．45－8．To judge from his slary， 16 anabss． loannes will have been a stableman of lowly status；compare the camel－drivers（raumdipiot）in XVI 1911 156 （557）and LV 3804238 （ 566 ），who receive a yearly salary of 16 arabas（and 1 t／s sol．）each．

We do not find the description 'of such-and-such's estate' elsewhere applied to a stableman; but cf. P. Heid. V 349, a work contract benveen a stableman and possibly an Apionic administrator (cf. LXXII 49304 n.).

2-3 тije $\mu$ кррâc oúciac. What this 'small estate' was, we cannot tell. We find references to a $\mu \epsilon \gamma a ́ \lambda \eta$ ookía in several Apionic accounts, e.g. XV1 1911 12t. A $\mu$ ккрå oưcia occurs in I. Mich. XV 732 v, a fifih-century account written in a Heracleopolice hand. Villages that fall under a $\mu \in y \alpha \dot{\lambda} \eta$ and a $\mu$ uxpà ouxia are mentioned in the Arsinoice SPP X 149 (vit).

It is interesting to observe how the career of Strategius Pancuphemos parallels that of Apion III. Ther appear on their own as landowners at about the same time, Apion on 14.xi.592 (5394), and Strategius on 6.iii. 591 (LVIII 3935) in Oxyrhynchus, on 27.xi.-26.xii. 992 in the Fayum (SB XXVII1 16873). They were both honorary consuls in the 590s (Apion by 24.xi.585: 5386), and became patricii in the early years of the reign of Phocas, Apion berween 25.xi.602 (PSI III 179) and 27.xii.604-25.i.60s (LVIII 3941), Strategius benween June 602-June 603 (CPR XXIV 26) and 29.iii. 604 (P. Erl. 73). (Strategius' patriciate is first artested in the Fayum on 16 .ix.6os (P. Bodl. 53 ).) They are both last heard of as alive in 619, Apion on s.vii.619 (P. Jand. III 49), Strategius at an unspecified date (P. Vindob. G 50349; information kindly supplied by S. Kovarik); Apion is dead by $22 . \mathrm{i} .620$ (LVIII 3959).
 SB XXII 15487 (both of 598 ), and LXVI 4535 ( 600 ).

9-12 An estate overseer was bound by yearly contracts; in the event of his death while in office, apparendy his next of kin or heirs would take over his duties, subject to the approval of the estate authorities.



 is probably said from the point of view of the intermediary Apollos, although $\mu \circ$ in it refers to loannes.



28-30 For the conversion of the date, sec $\operatorname{CSBE}^{2}$ 154, 159 .
31-2 Гewpriou счи $\beta$ од(aıоүра́фоu). Not known from elsewhere.
32 erpauke. Oxyrhynchite notarial signatures in documents later than the fifth century do not normally contain a form of ypáфen', but those from Hermopolis and other areas often do. The present example may be a conflation of the completio, remarkably given only in Greek, and a subjective statement.
N. GONIS

## 5399. Receift for Pamment of Travel Expenses

A $278.1 \quad 32.7 \times 12.7 \mathrm{~cm} \quad 28$ Seprember - 27 October 612
Plate X
A receipt issucd by the well-known banker Macarius (sce below, in.) for the payment of half a solidus to a notarius who was about to depart for the Fayum. The notarius is bringing 'signs', probably documents written in shorthand, for Strategius, пavєú $\eta_{\eta \mu o c ~ \pi a \tau р i ́ к o c, ~ t h e ~}^{\text {, }}$ so-called Strategius Paneuphemos (cf. 5398). This is the first document to attest close links
between the Oxyrhynchite estate of Apion III and Strategius Paneuphemos, who was based in the Fayum.

The text is writen across the fibres. The back is blank.

$$
\begin{aligned}
& \lambda o ́ \gamma(\varphi) \text { àvà } \text { ć }_{\mu} \mu(\text { (гос })
\end{aligned}
$$

'Given through the most respected Macarius, banker, to Menas, notariw, who is deparing for the Arsinoite (nome) with signs for Strategius, the all-renowned particius, on account of apendiure in the month of Phaophi of indiction 1 , one half solidus on the private (standard) minus two crass, tool $h_{\text {h }}$ sol. on the private (standard) min. 2 car. only.
'Year 289/258, in the month of Phaophi, indiction first.' (2nd hand) 'Toral $1 / 2$ sol. on the privite (standard) min. 2 car. only.

1 Maкарío трате $\zeta(\hat{i})$ т(ou). On this person, see P. Gascou 32 inurod, pp. 177-8: five other receips were issued in Phaophi, indiction : (the day is not indicated in any of them). This tert is similar to P. Amh. Il 157-8 and 1 151, all of them reccipts for payments of travel expenses.
 for people travelling.

2 c $\eta \mu i \omega \nu$. The reference is presumably to letters or other documens in shorthand; see $[S)$ sv. a $\eta \mu \mathrm{ei}$ iov II.s, 'pl., shorthand symbol'. The occurrence of a notarius in chis contert is no great surprise

 ats, an amount also found in 151 and XV1 2045 v ; the deduction is min. $4^{4 / 2}$ car. in P Amh. sfl
$4 \gamma_{i}^{\prime(v e \tau a t)} \kappa \tau \lambda$. The countersignarure is in the same hand as in all the other receips issuad by Macarius. It may well be Macarius' own hand.
N. GONIS

The absence of a regnal formula and the reference in the address to the household of the deceased Apion III indicate that the text dates from the time of the Persian occupation; cf. LVIII 3959 (620), 3960 (621), LXV1II 4703 (622).

The writing runs along the fibres.










].

Back, downwards, along the fibres:


'In the name of the Lord and Master Jesus Christ, our God and Saviour. Phamenoth 20, indiction ninch.
'To the glarious house once of Apion the blessed, a former parricius, situated also at this city of the Oxthynchites, Aurelius Georgius son of Hareotes, from the hamler of Northern Aspida of the Oxyrhynchite nome, greeting. Since now too a need has arisen ...'

Back: 'Cheirograph of Georgius ...'
1-3 See 5394 1-2 n.


7 The addeess lacks the Menas formula, also missing from 4703, bur present in 3959. See 5392 in .
7-9 Aurelius Georgius is not an adurriptirius the designation disoppears afier 6:9.
8-9 Асппба Bappuroü. See 5393 g n.

# IV. PAINTING \& DRAWINGS 

5401. Fragments of a Painted Shield

104/98(a)
A $31.3 \times 23.3 \mathrm{~cm}$ max.: $\mathrm{B}_{4.7 \times 3.4 \mathrm{~cm}}$
Fourth century
Plates $\mathrm{XXI}-\mathrm{XOOI}$
Two triangular fragments, A and B, from a circular or oval construction of painted animal skin, wood, and gesso:

A: the larger fragment, a triangular picce of painted skin (pl. XXI). Some 233 mm of the original, slightly curving rim is preserved, pierced with stitching-holes $11-12 \mathrm{~mm}$ apart; the outer part of a rawhide(?) binding strip, $8.5-9 \mathrm{~mm}$ wide, is still in place over the right-hand half of the rim, stopping at the point where a diagonal crease, from which the paint has been lose, begins. The painted surface to the right of this is darker, with a trickle of surface dirt over it, and smudging at the lower end; there are also some holes within it, and a lesser crease gs mm to the right. It appears that the painted skin has at some point been folded over onto inclf along the line of the more pronounced crease. To the left of this, a large parch of greyish deposit overlies the paint. ${ }^{1}$ Along the lower right edge of the tapering fragment, a precise line has been cut sharply through the paint, and there are similar, but less clear, traces of cutting on the leff side. On the back of the skin is brown staining left by a construction formed of wooden laths of varying width, from 18 to $c .40 \mathrm{~mm}$ (pl. XXII), indicating that the shield board was formed by by the 'plank' method of construction. The painted decoration on the front is described below.

B: a small, triangular fragment of wooden lath from the rim, $3-4 \mathrm{~mm}$ thick, tapering to 2 mm at the rim. One face is largely covered with gesso, missing at the right side where this coating has lifeed and broken away ( $\mathrm{pl} . \mathrm{XXI}$ ); when magnified, a photo of this side shows fibrous shreds of a whitish material underlying the gesso along the right edge. The gesso is indented around the rim with the impression (c. 8 mm wide) of the binding strip, and within this indentation is a pair of stitching-holes 12 mm apart; they match those at the upper left cornet of the painted skin, where the binding strip has been lost. The other side of the fragment, which was in contact with the back of the skin, is bare wood, bevelled at the rim ( pl . XXII). The fragment's original location is confirmed by a spot of red paint on this side, at the upper leff edge this had seeped through a small rent in the skin when the decoration was being applied, after the skin had been stretched over the wooden construction.

As now seen, the outer surface of the skin $(A)$ is painted dark red, with a brightet red showing in places where the surface has been abraded. About 65 mm below the rim is a section of vegetal wreath, a dense band of black paint 30 mm wide, with intermittent flecks of white and jagged brush-strokes on either side to suggest leaves. Running through the band are groups of highlighted, ovoid berries, blue/white alternating with orange-red/white, and at the top, at

[^6]the centre of the wreath, is an oval, orange-red gem in a white peat-bordered frame. Below this are four incomplete lines of Latin script, the remains of a stock type of inscription recording an imperial vi- or tricennial anniversary. The first two lines lie beneath the greyish deposit noted above; there is a drip of black paint from the wreath below the second line, and smaller drips elsewhere. Near the narrow lower end of the skin, the final shred of which is folded under, the upper surface of the paint has been lost, leaving incomplete a narrower section of the black wreath on which is set a smaller, circular orange-red gem within a white frame. Above this is an inverted linear triangle in white, plus the corner of something similar just before the broken Ieft edge: these may represent, in rather angular shape, the loops formed by a pair of ribbons tied in a bow to fasten the wreath. The small circular gem is slightly off-centre to the oval one at the top; there may have been further details to the leff here, such as the knot or binding formed by the ties, and perhaps another small gem. An approximate outer diameter of 240 mm , and an inner one of 195 mm , for the wreath when complete can be postulated from these upper and lower sections. The rim has a gently curving profile, though not enough remains to indicate for sure whether the original shape of the shield was circular or oval; the inscription would have featured at the top.

The 'plank-shield' rype of construction indicated by the staining on the back of the painted skin, with narrow laths of wood glued together, is exemplified by some of the third-century shield boards of 'broad oval' shape found at Dura-Europos, most of them with at least traces of paine. ${ }^{1}$ This construction is less strong than the plywood board type, of which two examples have been found in Egypt, ${ }^{2}$ but is more easily formed into a convex shape. Plank construction is also attested by the fragments of painted facings from three wooden shiclds of unspecificed provenance, recorded at Trier University; ${ }^{3}$ these have been reconstructed as circles, with their likely original diameters ranging from 98 to 108.4 cm . Some of the fragments of painted 'plankshields' from Dura also show the remains of painted skin, attached to the surface of the wood with a fibrous glue (James, op. cit. 180-1 nos. 621-2, 624, 626), but the best-prescrved of the elaborately decorated Dura shields had been coated on both surfaces with gesso, then painted on one or both sides (lames, op. cit. $176-9$ nos. 616-18, pls. 6-9). The Oxyrhynchus fragments

[^7]suggest a hybrid form with skin on the outer face, and gesso inside;' not enough survives to show whecher this inner surface was also painted, nor whether the shield had central apertures for the fitting of a metal boss and hand grip, or fixings for a reinforcing bar which could also serve as a grip. ${ }^{2}$ The staining on the reverse of the skin does not show clear signs of an intermediate glue layer between this and the wood (as would be the case for a usable shield constructed in this way, to prevent splitting), and if it is assumed that the upper gem on the wreath marks the central axis of the shield, then the laths are not orientated vertically to the painted design, but lie slightly diagonal to it.

The decoration of the fragment shows part of a corona Laurea triumphalis, a tied wreath of laurel, ${ }^{3}$ enhanced with gems. It encloses a stock rype of Latin inscription associated with the celebration at ten-yearly intervals of an imperial anniversary at which the public vows (vota) undertaken (suscepta) at the emperor's accession for the well-being and success of his realm and his person were redeemed (soluta) and renewed. Pithily expressed as VOTA [soluta] X [sucepta] XX or VOTA X MVLTA XX, with variants thereon, the formula seems in the course of the third century to have become combined with the acclamatory mulris annis impero in the composite formula VOTIS X MVLTIS XX, familiar on the reverse of coins issued in connection with these imperial anniversaries. ${ }^{4}$ On these the wreathed inscription may occupy the entire field on the reverse, or there may be a more complex design where che inscription is seen on a shield (sometimes in the process of being written thereon) or standard, with a variery of accompanying figures; the legend is usually abbreviated, as either VOT ... MVLT ... or SIC ... SIC ...

The inscription on fragment A is written in capital letters of a majuscule rype, executed in thin strokes of the same slightly off-white paint used for details of the wreath. ${ }^{9}$ The undulating sign over the O in the first line (a 'circumflex'), for which there are some epigraphic

[^8]attestations,' could be seen as indicating the quantity/quality of the O . Taking into consideration the likely placing of the letters as centred within the wreath, as well as the layout of comparable inscriptions on coins, there are two possible readings:
\[

$$
\begin{gathered}
\text { YÖTIS } \\
\text { X X } \\
\text { MV]LTIS } \\
\text { XIX X }
\end{gathered}
$$
\]

and
YÖTIS
X ]X X
MV]LTIS
X ]X X[X

The first, denoting a celebration of the vicennial vota, would permit a more centrally balanced layout of the four lines within the circle, comparable to that seen on some of the rarer coin examples with an unconuracted legend (see, for instance, Kent, op. cit. 514 no. 36, pl. 26: silver siliqua, mint of Antioch, 'perhaps Constantine II'). This is the more plausible reading, and likely candidates for the anniversary are Diocletian (303/4); Constantine the Great (325/6); Licinius ( $326 / 7$ ); Constantine II ( 335 or $336 / 7$ ); Constantius II ( $342 / 3 / 4$ ); and Valentinian II ( $389 / 90$ ). ${ }^{2}$ The second reading, denoting a tricennial celebration, would give a less balanced layout (cf. the more elegantly spaced inscriptions on silver coins of Constantine II or Theodosius II, mint of Siscia, or Constantius II, mint of Constantinople: Kent, op. cit. 376 no. 360 , pl. 17; 456 no. 102, pl. 22), and a smaller range of candidates: Constantine the Great (335); Constantius II ( 353 ); and Theodosius II ( $438 / 9$ ).

A palacographic dating in the fourth century is plausible, with fourth to fifth century parallels for the majuscule script. For the form of the ' $S$ ' in particular, see P. Ant. 1 fr . I, a writing exercise (ChLA IV 259); for the form of the ' $X$ ', the coin rypes of which examples are cited above; and in general, the alphaberic capitals of X 1315 (ChLA IV 234).

The appearance of this rype of inscription on a decorated shield is so far unique, the only feature that this fragment has in common with some of the ocher surviving examples being the background colour red. ${ }^{3}$ Various functions have been suggested for painted shields,

[^9]including active military use, as attested for some. They may also have served for ceremonial or display purposes, held by standard-bearers, for example, or cavalrymen: in his descriprion of the panoply of Roman cavalry in displays where 'speed and elegance' were required, Arrian noted that the riders carried lighnweight, decorated shiedds 'not of the kind used for batte' (Arn tactica 34.5; A. Hyland, Training the Roman Cavalry (r993) 72). They may also have featured in the category of shields displayed for honorific or votive purposes in both domestic and sacred contexts. The evolution of this custom with metal shields (clipet) carrying a portrait of the honorand or commemorated person was described by Pliny (HN $35.12-13$ ); chey could also be mercly inscribed, as in the case of the gold shields honouring Tiberius, placed by Pontius Pilate within Herod's palace in the Holy Ciry of Jerusalem, aniconic bur still offensive, and removed at the Emperor's insistence to the Temple of Augustus in Caesarea. ${ }^{1}$ The specific nature of the inscription on fragment $A$ suggests a purpose for the shield beyond the norm, and a decorative scheme potentially more elaborate than the 'blazons' seen on shields depicted in active military contexts (sec James, op. cit. 163-6 with fig. 93).

On the Dura shields with elaborate figural decoration and ornamental borders, the surface area around the boss contains spaced groups: ${ }^{2}$ extended narrative ones on the 'Homeric' shield (Report VII-VIII, 331-49, pls. XLI-XLII; James no. 616, pl. 6), scatcered combatants on the 'Amazon' shield (Report VII-VIII, 349-63, pls. XLIV-XLV; James no. 617, pl. 7). The remaining details on the Trier fragments have suggested more balanced compositions: the 'Kampfschild' (no. 3) has the dominant figure of an official top centre flanked by flutering Victories, paired combatants left and right of the boss and a trio below, plus an ornamental border around the circumference (Goethert, op. cit., 118 fig. 198, 120 fig. 203). The survival of one and a half rectilinear framed images on the red-ground 'Jagdschild' (no.2) suggess a symmetrical composition of four, with complementary details scattered in berween and extending up to the plain rim (Goethert, op. cit., 116 fig. 195, 121 fig. 206). The almost complete framed image of a standing, cloaked figure with spear and shield at the bottom measures $37 \times 32 \mathrm{~cm}$, roughly $50 \%$ more than the putative exterior diameter of the Oxyrhynchus wreath.

When complete the Oxyrhynchus shield, with a likely diameerer or breadth of c... 00 m . would thus offer a large space in which to accommodate further decoration, surmounted by the wreathed inscription. This could have included additional figures from the repertoire seen not only on the coin types (J. M. C. Toynbee, Roman Medallions (Numismatic Studies $\ddagger$; 1944), $81-3$ ), but also in the sculpred commemorations of imperial anniversaries, such as the

[^10]mid second-eentury 'Medici fragments' (P. Veync, 'Vénus, l'univers et les vocux décennaux sur les reliefs Médicis', REL 38 ( 1960 ), 306-22, with wider survey): winged Victories, divinities, personifications, and erotes. The fourth-century inscribed silver plates distributed in the largitiones associated with occasions such as these anniversaries show an evolving iconography: the wreathed inscription ('SIC X SIC XX) as seen on coins fcarures on the carlicst known to date, in the group made at Naissus to mark the decemnalia of Licinius (3i7: D. Srejović (ed.), Roman Imperial Towns and Palaces in Serbia (1993) 75-6,307 cat. no. 107), while the most celebrated example, the plate of Theodosius. full of imperial pomp plus the personification of Tellus, the fruitful carth. marks an iconographic turning-point berween late antique and Byzantine art. ${ }^{1}$

The Oxyrhynchus fragments share a box and inventory number with an unrelated fragment of a small wooden writing tablet; ${ }^{2}$ the number is of the simpler Oxyrhynchus format (for the system. see XLII, xiv), and does nor include an indication of the season date but gives the current box number followed by a reference to the original packing decails (tin case/ layer). This suggests that the three items were retrieved from a dump (rather than acquired by the excavators on site), not necessarily together, but subsequently packed together because of their different media. The clean appearance of the cutting on either side of the lower part of fragment A suggesss post-retricval tidying or removal of ragged edges. Although piccemeal construction cannot be ruled out, to cover a shield in one piece, a complete calfskin (or goatskin) would be the minimal requirement. This is a meagre survivor of something that might conceivably have been made in Oxyrhynchus, if not in a fabrica of shields and armour such as those listed for Asia Minor in the Notitia Dignitatum (Or. XI 32-3). ${ }^{3}$ As noted above, the shape of the shield when complete cannor be ascertained for sure. The 'broad oval' shield board that had supplanted the earlier rectangular form was in general use through the fourth century and beyond, although circular shields were a possible introduction via German imports, though not necessarily exclusive to cavalry, as sometimes asserted; ${ }^{4}$ they were, however, the dominant iconographic rype until the eleventh century, as observed by Kolias (op. cit. 109).

What purpose might a decorated shield connected with an imperial anniversary have served at Oxyrhynchus? The anniversary and renewal of the vows was an occasion for celebration throughout the provinces by both community and army, entailing ritual performance but

[^11]also popular entertainment and perhaps some direct benefits.' In XVIII 2187, dated 304, one Septimius Aristion resumes the business of a petition which had stailed while he was under arrest for another matter-but he is now at liberty to pursue it, having 'shared in the good fortune of the vicennalia of our masters the Emperors Diocletian and Maximian'. There may have been some public acclamatory event for an anniversary at Oxyrhynchus with a military presence of the kind attested in XLI 2950, the fragmentary text in rustic capitals of a dedication to Diocletian and Maximian by one or more army units possibly present in the metropolis in January 29s. ${ }^{2}$ Such an event could have included the dedication in a public or sacred place of a shield honouring the emperor(s); the shield in itself could have featured in a related military display. It may equally have had a connection unrelated to a specific local occasion or official rite, as a personal deposition, perhaps, or even a damaged reject. In the absence of further decoration that might provide stylistic criteria or more inscriptions, the dating of these fragments to a more precise part of the fourth century remains problematic, so too the attribution to a specific name in the lists of celebrants of vicennalia (or the less likely tricennalia) during that period. Given the greater amount of testimony to his actions, interest, and occasional presence in Egypt, Diocietian is an enticing candidate, but the others remain in contention until some further docurnentaxion may emerge to place this anniversary relic in a more specific context. ${ }^{3}$

## 5402. A Rampant Goat

82/28(a)
$10.8 \times 9.9 \mathrm{~cm}$
Second century?
Plate XVIII
On this almost square piece of papyrus, a bearded male caprid is shown in profile, leaping to the right. The drawing is executed in pen and black ink along the fibres of the papyrus; there is a vertical sheet join $8-10 \mathrm{~mm}$ from the right, and the back is blank. The draughrsman has used varying thicknesses of line to create a lively representation of the animal: chinner for some of the outline and also the hatching which models the body and shades she inner view of the offside limbs, broader for the outline of the shoulder joint, the profile of neck and chest, the eye (pardly missing), and the curvature of the upper part of the jaw. Only part of the outline
${ }^{1}$ M. Beard, J. North, S. R. F. Price, Religions of Rome (1998) i.320, 325; Pliny the Younger (Ep. 10.3s and 100-101) described his performance of the rites as a provincial governor in Blthynia.
${ }^{2}$ For such public meetings 'still taking place in Oxyrhynchus around the rurn of the third and fourth centuries', see A. K. Bowman, 'Roman Oxyrhynchus: City and People', in A. K. Bowman et al. (edd.), Oxyrhynchus: A Ciry and iss Texts (2007) 171-81 at 173; id., 'Papyri and Roman Imperial History, 1960-75 , JRS 66 (1976) ts3-73 at 160, notes the possibility of a second visit to Egypt by Diocletian in 302.
${ }^{3}$ Thanks are due to the colleagues who have assisted in the preparation of this commentary: James Brusuclas undertook the multispectral imaging in the Papyrology Room, and the photographs were made by lan Cartwright at the Institute of Archaeology (Oxford); Serena Ammirati advised on the palacography, Karherine Dunbabin and Marko Jelusić provided bibliographical assistance, and Alan Bowman, Jonathan Coulton, and Simon James proffered helpful comments on various versions of the text, the imperfections of which remain the auchor's own.
of the elongared head is preserved; the muzzle appears on the further side of the sheet join, to the leff of which some of the surface has been lost.

Ink is missing in places from the rather coarse surface of the papyrus, and some peripheral details of the animal have been lost in breakages at the edges of the sheet: the upper part of its leff horn and the hoof of the leff foreleg are missing, and a hole in the papyrus has removed the knec-joint of that leg. The tip of its right horn is seen high above the shoulder, but the outline to the right is uncerrain, while the lower part is covered in ink, under which can be scen diagonal lines like those more clearly visible on the left horn, and probably intended to indicate the surface exture. The leff horn appears more slender, but has lost some of its outline. There are curls of hair below the horns, and they are flanked by a pair of upstanding ears. The tail is of middling length, with a scalloped profile on the underside. The emphatic outlines of the shoulder, neck and chest, and the substantial, curving horns suggest that the animal represented is a wild goat, possibly one of the ibex-like group Capra aegagrus, that have darker markings on the shoulder and chest, a spinal crest, and a tufed tail.'

The drawing is an accomplished piece of work, not a rough sketch towards some furcher design; if it were, we might expect other sketches on the back, but the absence of both drawings and writing on the verso suggests that this papyrus has more likely come from a workshop or studio context, and is conceivably the work of a capable student in training, or part of a collection for consulation or copying. Virtually the whole drawing is contained within the margins of the sheet, of which only the upper edge is noticcably fragmentary, creating the spurious impression of a finished small drawing in its own right. It is more likely, however, that it formed part of a larger sheer with furcher images on it, from which ir may have been deliberately cut. The ink on the lower part of the right horn might be the result of a blot, or deliberate erasure, either of which might have resulted in the drawing's being discarded.

The extensive use of hatching is unusual amongst the other Oxyrhynchus drawings, where pen-and-wash is the more common medium for drawings that go beyond the mere linear outines and give body and spatial context to the figures shown. Dilute wash is also used for draughting, but there is none visible on this drawing, only instances where the draughtsman has adjusted the outline as he went along, resulting in doubled or overlapping lines, as seen across the animal's back, or just behind the top of the right foreleg (the mark below is smudged ink). Harching is, however, seen in more sparing use on the well-known Cupid and Psyche drawing from Oxyrhynchus (PSI VIII 919), the back of which is also blank. Setting aside the earlier theory that this fine drawing was derived from an illustrated book-roll, more recent suggestions are that it may be preparatory to or copied from a painting, and possibly one of a cycic of illustrations relating different episodes in the myth. ${ }^{2}$ The dating of that papyrus

[^12]to the second century could serve for this one, too, in the absence of any other evidence.
The animal's lively pose would be appropriate to a hunting scene or the depiction of a game park or paradeisos, familiar subjects in painting and mosaics in che Roman world, where live ibexes and wild goats were imported for display and the arena.' This would not have been a likely connection at Oxyrhynchus, but the drawing could have been equally at home in a reference series of zoological illustrations. ${ }^{2}$

## 5403. Birds, Beasts, and a Unicorn

$253 \mathrm{~B} .58 / \mathrm{J}(\mathrm{a})$ [ii]
$15.9 \times 7.5 \mathrm{~cm}$
4.450-550 Plate XDX

A total of seven sketches executed in dark-brown ink are distributed over both sides of this papyrus, which is formed of three joining fragments. There are some holes and gaps in the brownish papyrus, areas of lost fibres, and small accretions of surface dirt. There is no relative scale to the drawings.

Side A, drawn along the fibres, from left to right: a long-tailed bird with a plump body, nvo bars across its wing and short strokes suggestive of feathers around its neck; its eye is formed like an epsilon, as though it were asleep. Only one leg, exrending back as though the bird were moving forward, is fully preserved; the top of the other is seen to the right. Facing it, seemingly in an antagonistic way, is a heavy-bodied bird depicted in a mass of brown ink applied within a firm outline; it stands on widely-spaced legs, the thigh joint of that at the right clearly delineated, with the remaining curve of a foot below. Halfway down its back is a wing-like projection (the tip missing at the upper edge) that might suggest a bird with wings ousspread, bur there is no clear indication of a furcher wing, and the outline of its head closely resembles that of the cockerel drawn on the other side of the papyrus (see below); the darker fearures above and below would represent the comb and wattle. The 'wing' in that case may be seen as a rather exaggerated depiction of the tail feathers. A suggestion of feathers over the body, and an eye on the head may be fortuitous, the result of ink loss from the surface. The overall dark colouring, apparently a significant feature, is not obviously explicable.

At the right, and facing left, is a unicorn, slightly turned towards the viewer, rear legs a little articulated as though in movement. Its overall physiognomy resembles that of an orya,
tre vite del Papiro di Arremidoro (2006) 288-9 cat. no. 119. For the use of hatching in ancient drawing. see the technical discussion of the drawings on the Artemidorus Papyrus, where both wash and a variery of linear shadings have been employed ( $P$. Aremidore 473-82, 606-7).
${ }^{1}$ G. Jennison, Animals for Show and Pleasure in Anciens Rome (1937) 42, 131; J. M. C. Toynbee, Animals in Roman Life and Ars (1973) 147.
${ }^{2}$ For further discussion of this drawing and the problem of defining the pupposes for which ancient drawings were made, see H. Whitehouse, 'Birds, Beasts, and a Unicorn at Oxyrhynchus', in G. Adornaro (ed.), Intorno al Papiro di Artemidoro Ill. I Disrgni. Anti del Convegno internazionale del 4 febbraio 2011 presso il Gabinetto Disegni e Stampe degli Ufizii, Firenze (2016) 105-27.
with a pronounced dip in the profile of its back, though its neck is more sinuous than chat of an oryx, and it lacks the nypical tufted tail.' Two short pen strokes halfway down the rump might indicate a minimal tail. The outline of its belly has been partly lost with the break in the papyrus, together with the top of its legs. les long horn, straight and slender, and marked with diagonal hatching, is angled back from a domed forehead and flanked by upright ears. Around its neck is a collar from which hangs a bell, and its left (nearside) cyc is lightly indicated in fine strokes.

Side B, drawn across the fibres in fainter brown ink: from the left, a cockerel in profile view, facing left, its tail feathers shown in a wing-like mass extending from its back. Below the detailed depiction of its head and hackle feathers, the body diminishes in size; one leg, ies right, is shown below the curve of the body, but only the thigh joint of the other has been skeeched, at the far right of the body. Directly below is an unfinished sketch showing the head and upper body of a wild boar facing left, ies bristles indicated in short lines across the back. At the centre of the papyrus is a seated bovid facing leff; it has emphatic, dark eyes, a long, slim neck, and berween upright ears, a pair of very slender horns, lightly curved and almost mecting at the tips. Although their shape is reminiscent of the horns of the scimitar oryx, their size, the outline of the neck and back, and the litule curving line suggesting a short tail halfway down the rump, would be more typical of a rype of gazelle with curving or lyriform harns. ${ }^{2}$ les folded legs are only summarily sketched. Finally, at the right, the largest drawing on this side: a peacock facing leff, its crested head rather large in proportion to its slender, curving neck and small body, a scatter of crosses above a line over its back. The end of ies long tail, which is marked intermittendly with oval 'eyes', has been lost at the broken right edge; both its legs are shown.

On both sides, the drawings have been executed with a pen chat permitted a variable thick/thin line, best seen on the more carefully executed of them, the long-tailed bird and the unicorn, where the ourline is mostly quite emphatic, but there are light pen strokes across the body. The treatment of the dark bird is markedly different, and presumably had some significance, apart from its being a better drawing of a cockerel than the purely linear one on the other side. The draughtsmanship is at times sketchy (see the folded legs of the seated gazelle, for inseance, or the peacock's tail), adding to the impression that these drawings could be the work of a student, or a more proficient hand rapidly joting down possible subjects. They are a hecerogeneous assemblage, a mixture of the domestic and the wild, creatures from the hunt, the garden, the game park, or excerpred from groups of popular motifs, such as assorted kinds of birds, as seen in some Alexandrian mosaics. ${ }^{3}$

1. Cf. Orx besa and $O_{y x}$ leucoryx, both with slender, straght horns, and $O_{y x}$ dammah, the scimitar onx: D. J. Osborn. J. Osbornová, The Mammals of Ancient EDopr (1998) 161-8; the cloven-hoofed oryx is one of the rwo single-horned creatures denominated by Aristotle (HA 2.1, 499bi9-20; PA 3.2, 663222-3).
${ }^{2}$ Osborn and Osbornová, op. cit. 175-80.
${ }^{3}$ See W. A. Daszewski, 'Egypt, Birds and Mossics', in H. Morlier (ed.), La masaïque grico-romaine IX (2005) ${ }_{14} \mathbf{4 3}$-52, noting a porential connection with a tradition of illustrated ornithological studies that would be rypical of the scientific milieu of Alexandria.

The mixture here might indeed suggest a wide-ranging selection of motifs made from a pattern book. Amongst them, the unicorn is not only the most unusual subject, but also the one that provides a closer focus on the likely date and context of these drawings. The collar and bell place it in the category of other 'captive' animals (typically oryxes, gazelles, or ancelopes) seen in paintings or mosaics in Christian contexts, where its significance is linked with the Scpruagint's adoption of the word $\mu$ ооóкepuc for the Hebrew reem in various passages of the Hebrew Bible.' Painted examples survive in Egypt, in chapel 17 of the monastery of Apa Apollo at Bawit, ${ }^{2}$ and at the White Monastery near Sohag, in the tomb-chamber attributed to the founder, Apa Shenoute. ${ }^{3}$ These are less elegant than the creature sketched on the papyrus but share the distinction of a single horn, and they fall within the period from the end of the fourth century to the third quarter of the fifth. Three collared animals are shown in the borders of a mosaic pavement of the sixth-century church at Qasr el-Lebia in Libya, which frames a Nilotic scene and also includes a rather bizarre version of the unicorn (not collared) and a pair of peacocks. ${ }^{4}$ Free-range unicorns with the attributes of antelopes, horses, ibexes, or goars also appear in the rich selection of animals featured in the mosaic pavements of some Syrian churches: two in the region of Apamea, and another at Hawat, with a date-range spanning the end of the fourth century to 568 ; another is shown on an unprovenanced, possibly Libyan, fragment. ${ }^{\text {s }}$

The range of crearures on the papyrus, much greater than that required for the kind of paintings cired above, could have been compiled for a composition with something like the richesse of motifs seen in the mosaics, but-assuming that they were not simply exercises in drawing - the end for which they might have been destined in Oxyrhynchus is not obvious. The fact that the draughtsman has simply flipped the papyrus over, not turning it so as to draw along the fibres again, as would be more usual, emphasizes the seemingly casual nature of the sketches, and the appearance of those on the 'flip side' demonstrates why drawing across the fibres is not so satisfactory. Although this alignment might also be the case if the fragment had been detached from a page of reference drawings, their qualiry (and the fact that one is unfinished) suggest that they had no permanent function. ${ }^{6}$

## H. WHITEHOUSE

[^13]
## INDEXES

Figures in raised ype refer to fragments, small roman numerals to columns. Square brackets indicate that a word is wholly or substantially restored by conjecture or from other sources, round brackets that it is cxpanded from an abbreviation or a symbol. The article and (in the documentary sections) кaí are not indered.

## I. HEXAMETERS (5349-50)

| duaridhea [53499] | idtor 53496 | ס̌2*ác 534910 |
| :---: | :---: | :---: |
| \%fuv 53498 |  |  |
| ḋó 53497 | Bepuóe 53497 | ӧриос 53499 |
| depodpadip [53493] |  |  |
| ädhactor 5349 ı | ievat 53494 | $\text { mác } 53493$ |
| Boprac 53494 | кaтá 53499 |  |
|  | кèrevor 53496 | тоиaiver 53492 |
| róp 5350 s | гохкихе 53498 | erpoadédry¢5349, |
| bodairv: 53494 <br> доохаі́река 5349, | duriv 53499 | rodurxéru 53506 |
| \$úcue 5349 io | micoe 53498 | inivepte 53496 |
| elvas 5349; | vórtac 5349 ¢ | \$opriv 5349 s |
| ic 534910 | více 53497 |  |

## II. ACTA ALEXANDRINORUM (5351-3)

äàuan 5353 i4
Alyutror $5352^{1}$ in aíxpór 5352' 10 aiveiu $5352^{1} 30$ (?) аїтиа $5352^{1} 22$ (?) dxovive 5351 2
AגAor 53532
adrimite 5352' 10

d̀ $\lambda$ j̈́cua 5353 ।
d 4 dé 5352' 19 (?), 37
"̀̀rox [5353 26 (?)]
дмфо́терок (5353 4ヶ) (?))
ar. $5352^{1}$ 3, 27. 30 (?), ${ }^{2}$ i 25
diá 5353 a
divaparixóc [5353 a7 (?)]


àreferálew 5352' з
invektyou [5352 i 8 (?)]
Avтárvor 535324

\&fouv 5352' 17 (?), ${ }^{2} \mathrm{i} 12$ (?)
"iradórŋe 5352' 8

- anávopmor $\left[5352^{1} 4\right.$ (?)]




áтodoyía 5351 п
-inodúar 53517.12
inoxipew 5353 [1-2 (?)]. 3

```
amwociv [S352' 32-3]
&pyúpoov 5352' ii 44 (?)
аристое 5352'21
\mathrm{ дрксír [53522 i 13-14 (?)]}
```



```
айтокра́тшр [53522i13 (?)]
aviooc 5351 3 5352' зo 5353 is
        (?). 18
```



```
Bacheviar [5353 28-9]
Bастá}\mp@code{w 5353 s, [12]}
\gammaáр 5351 ^о (?) 5353 п, [19]
\gamma4 5352 3;
rivoc 5352' 35 (?)
```

yípuctai 53514 （？）， 8 5352＇27，iepáx［5352＇ 29 （？）］ 28535323
yhume 535110
Seckuvar 53538

бпдио́стос $5352^{\prime \prime} 18$
ס． Bácnadoc $^{5352^{1} 5-6,10-11}$

（－）dídóvac $5352^{2}$ ig
Srppeictas（5352 ${ }^{2}$ i 22－3（？），25－6）
Soputiavóc 5353 ig
Súlactac $5353{ }_{3}{ }^{2}$
Supeá 5352＇38，${ }^{2}$ ì 7
dyyurie［5352 ${ }^{2}$ i 21 （？）］
іүклдна（5353 26－7］
di 535321
elvar［53516］5352＇4，${ }^{2}$ i 21 ，$[23-$
4）， 25535329
cicdyetw 5352＇33． $1^{2}$ i 21－2］
elva［5352＇ $3^{8}$（？）］
ix $5352^{1}$ зs 5353 ［u］， 20
iкßádleav 5352＇ 35
ixeivoc 5352＇24，30，［32（？）］， 38
idíyxen＇ 5353 3
iv $5352^{1} 18,{ }^{2}$ i 22 ［5353 8］

¿acoconvíval 5353 ，

inukrodí 53537，20
ipyov $5352^{\prime} \mathrm{s}_{1}$（II（？）］

（iyengic［5352 28 （？），3－5（？）］
civervis［5352＇ 28 （？）］
évapria 5352＇8－9

8xat 5353 25， 32


＊／paroc 5351 ；
Ocóc 5351 14 $5352^{1} 37,{ }^{2}$ i $22,{ }^{9} 6$（？）
$\theta_{\text {ievp }}$［5351 17 （？）］
柞 535323
iep－ $5352^{2}$ ii $12,{ }^{3} 2$
iepory 5353 и
intews $5352^{1}[20(?)], 27$
Yourxivac $5351_{1}$
ikrává 5353 य
iくxúeに 535322
kwe 5353 I8（？）
кaí 5351 I，is（bis）， 16 （？） $5352^{\prime}$
6，8，19（？）， 20 （？），34，${ }^{2} \mathrm{i}[\mathrm{n}], 23$
5353 （ 14 ），20， 28 （bii）， 29
Kaicap 5353 13，28， 31,32
Kaccápetov 53532
кaleir 535327
катакдiveı $5352^{1} 29$
ката́ратое $5352^{1}$ ı9（？）
кehevéen $5352^{2}$ ii so， 15 （？）
к＂фаㅅํ 5352＇ 23 （？）
к入ทีpoc 53514.7
xuvoxéфaloc 53518
ки́pıoс 5353 3．7，9，10，［13（？）］，17， ［ 88 （？），27－8］

лалеї 5353 зо
入ад $\beta$ áveir 535314
（－）Аанßávar $5352^{2}$ ii 11
入érecu $5351125352^{\prime} 26$（？），${ }^{2}$ i 8 （？）
5353 （9）（？）］．25． 29
наㄹㄱㄴ 5352＇6
Másıое［53516， 8 （？）］
$\mu$ аррих［5351 16 （？）］
настрово́к $5352^{1} 6$
нíyac 535110 （？）
Mitrioc 5351 t
豿 $5352^{1} 32$

Hósov［5352 ${ }^{2}$ i 24 （2）］

Neī̀oc［5351 io］
เท＇［5352＇ 36 （？）］
aikoupein 5351 13
oloc $5352^{2}$ i 25
8ituc $5352^{1} 2$
д́pầ 5351 n！
oc 5351653536 （？），［8］，15（？）
beor $53522^{22}$（？） 535329
ou่，ou่k 5351 4，7， 12 5352＇：6
5353 23． 32
ousk $53522^{2}$
oubsíc 5353 25， 30
Ovixipior［5351 3 （2）］
oủkír： 5353 з1
Oúpfuxóc 535327


（2）］．${ }^{2}{ }^{2} \mathrm{i}_{21}{ }^{2}{ }^{2} \mathrm{i}_{23} 5353 \mathrm{~g} 9$
จมีтนา 5353 เя
sdeinear 5353 is（？）， 18
\＆фйvav 53536
maidorpípre $5352^{1}(2-3), 36$
raic $\left.5352^{1} 7,{ }^{[2} \mathrm{i} 16\right]$
тар́ 5353 ；（？）
тара́уаи 5353 וя
параӨтiк7 53532

mapeiva［5352＇i is（？）］
चäc［5352＇i $11-12$（？）］
тетанисхй́tioa 5353 21
течгі̣коюта 5353 ॥
тнрі 5351 2． 3
miver 5353 is
màceen 5353 9
ndosictac 5351 is（？）
anoüror 5351 is（？）
mouit 53516
modeeik 5351 13
modic［5351 s］｜5352＇ 35 （？）｜
modetuко́c［53518 8 （2）］
modic $5352^{1}$ i 23
Пocadímor 535116 （？）
wore 5353 33（？）
троаушуов［5352＇7］
mpooseiver 5352＇ 14 （？）
tро́к $5352^{1} 36.37535326$
zpocpachear［53521 33－4（？）］
тросттриіvа｜5351 4 （？）］
mporrásceav 5351；
проста́т．［5352＇ 8 （？）］
пррйrac 5352＇is

＇Poū申oc 5351।

## INDEXES

210


| ［22－3，26］，30，［30－31］ |
| :---: |
| socoûroc 5351 ¢ 535322 |
|  |
| тupanvírel 535328 |
| тúpanvor 53515 |
| untep 5353 29 |
| Umó［5351 ıol $5352^{2}$ i 24535327 |
| Uто（－） $5352^{2}$ ii 9 |
| imadoyeiv 53536 （？） |
| ícrepay 5351 ı |
| \＄а́риакоу 535317 |
| \＄ipar 5352＇ 32 |
|  |

## III．NOVELS（5354－6）

äми（5355＇ii 6－7，18］ dyporiv［5355＇iit rs（？）］ àró［5355＇iii 15（？）］ asi 5354 i 18 （？）
 alyaa入óc $5355^{1}$ ii 7－8 вкасніа 5355＇iii 27 іхрййс 53566 （？）
A入avóc［5355＇iii 17－18（？）］
 ädor 53564
Apalóvıor $5355^{1}$ ii 7
 д $\mu$ фі 5354 i7 aiv 5354 if，［13（？）］，is（？） dractpriфear 5354 i 3 avari Bivas $^{\text {［ } 5356}$ in（？）］ avip 5354iss（？） andpwnoc 5354 ii 36 （？） inaidácecu 5354 is diniexal 5356 I amadabón ar 5354 is aпоктeíveav 5356 о dmodגúvae 5354 i 12 amedeiv［5355＇iii 20 （？）］ äpa 5354 i4s аіріөидке 53566
Apraxचt［5356 2 （？）］
apxecy 53551 iii 18
aviocc 5354 i 3 ，（18－19（？）］
aüróc 5354 i $2,9,13,[18-19$（？）］， 40
（？） $5355^{1}$ ii $3,8-9$, iiii 275356 ls
（？）］， 8,13 （？）
áфаий́c 5354 i 47 （？）

Acoijen 5354 iat（？）
Paculeúciv 5355＇ii 16．（2 s ）
Beparoc 5354 i 17 （？）
Braxior［5354 ii 25－6（？）］
Aда́ттен $5355^{1}$ iii 28
Fоŋৈóc 5354 i 20
Bopuetione $5355^{2}[2], 3$

riyrectan 5354 í

урай 5354 i 19 （？）
yunท́［5355＇iii 18－19］

Sé 5354 i $2,5,5$（？），6．9． 142 （？）］，ii 18 （2） $5355^{\prime}$ ii $5,[32]$ ， 18 ，iii 88,19, $22,{ }^{2} \mathrm{~s} 5356$ 3（？），［6］
$8{ }^{\circ} 5354118$
$\delta$ 꾜ос［5355 ${ }^{2}$ 4］

8ıá 5356 נ 3

фorcier 53517
фporii $5351_{2}$
$\Phi_{\text {pórtur }} 535326$
фи入й［5352²i17（？）］
x＜ip 5353 is
xúhor 5353 in
хрӭце［5353 14 （？）］
хрисой 5353 4．［22］
x ${ }^{\text {úpa }} 5352^{1}$ 25
Eipaior 5352＇9－10
ák $5352^{1}$ i 255353 is（？）， 18 （？）， 20 （？）， 23 （？）， 24 （？）
シ̈crep 5352＇ 28

Sıaкрivar 5355＇jiii 28－9
סradéyertar 53562
סradeitear［5354 i 2－3］
Sararis $\theta$ at［5354 i 6］
סiácтйа 5354 is
Saatitivar［5356 an（e）］

סıaфаvшк［5354 i 47 （？）］

סidóna， $5355^{\prime}$ ii it
Soкеiv［5354 in（？）］
Súractas 5354 i 20
80́a 5354 i 2153564

iar 53562
iaurāp 5354 i 40 （？）

＇「ýs 5354 i $_{12}$
Ci 5354 i ［3）（？）］， 20
cínoce 53566
elvat $5355^{\prime}$ ii［11（？）］，17，［21］， 23 （？）
eic $5354 \mathrm{i}[10], 46$（？） 53551 ii 7
eic？péxerw 5354 i io．［ii 7］
eic\＄ipan［5354 i $38-9$（？）］
eicubivar 5354 is
2x 53567
ix $\delta(x \subset 6 \theta$ ac｜ 53568 （？）］

## III．NOVELS

dnei 5354 i 19 （？）
intiver $5355^{\prime}$ iii 18
¿кフó［5355＇ii I（？）］
ipauroü 5354iis
ćpóc $5355^{2} 7$
d $\mu$ meieiv $5355^{\prime}$ ii 15
iv 5354 i 9 5355 ${ }^{2}$ s
ivôon 5354 it（？）． 6
ivoa 5356 3（？）

ivraüfa 5354149
¿̧auctáva： 5356 ，
¿そ̧évas 5356 ）
ináycù［5354 i 20－21］
i＝esin 5354 i 17
ini［5354 ii 28－9（？）］［5355²3］
53563
intßova ［5356 8］
2пөөeäィӨаи 53564
incтиреіir［53567（？）］
©тirpéxer［5355＇ii 13］
ipyou $5355^{\prime}$ ii 4
iper［5355＇iii 19－20（？）］
Re日t．［5354 i +2 （？）］
icre 5354 i 4
©таїрос 5354 i 21 （？）
irepor［5355＇ii s（？）］
Eupiaror［5355 ${ }^{2}$ 6－7］
«Vも0́c 5354 i 12 ［ $5355^{1}$ ii 18 （？）］
Eủkuịn 5356 2， 7
idicráras $5355^{1}$ iii 30

部》 5354 i 12 （？）

inцеіс 5355 ＇iii ${ }^{2} 7$
fictipa 5354 ig
Oадацทпт́дое 5356 5．9
Oаидá̧єеш［5354 i 29－30（？）］5355＇ ii 19
Oia 5356 s （？）
$\theta_{\text {енист }} 5355^{1}$ ii 17
Oceananidian［5354 ii 12－13（？）］
$\theta_{\dot{v} \rho a} 5354 i 4$
ievas $5354 \mathrm{i}_{2}$
upeta 5354 i 23 （？）
iepeior 5354 i 23 （？）
iva $5355^{1}$ ii 1
ictávan 535414753564
каí 5354 i 3，8，12，15（？）， 16 （？）， 17 （？）， 18 （？），18，19，22，25（？），43， 44 $5355{ }^{\prime}$ i i，ii 2，4，［10］，13，14，16， 20， 23 （？），iii（ 17 （？））， $18,22,23,24$ （？），25（3），29，30 5356：（bis），2， 3 （bis），5， $17 \mathrm{l}, 12$
watpóc 53567
Kallıóry 5355＇ii 6，（is），iii 19
ка́入入ос［5355＇is 20］
Кариаіте 5354 і 7
катá 5354 í 10
катáycu 53551 ii 24
катакоגтiSery 53551 ii 8

ката⿱亠⿴囗十七тто́［5355＇ ji 22 （？）］
катаце́ver 5354 і іо
катаитікри́ $5354 i 46$
катафауше［5354 i 47 （？）］
катетeiyeu［5356 1］
катокіदел［5355 ${ }^{2}$ 4］
кektat $5354 \mathrm{i}_{1}$（？）
кגеietu 5354 i 43
кגесік［5354 i io－11（？）］
колишuó［5355＇ii 3－4，简 17－18（？）］
крйптен» $5354 i 4$ i
$\kappa \stackrel{\nu}{\mu}$ а［5355＇ii ıo］
Aoxayóc［5355＇iii 29－30］
入óxoc $5355{ }^{1}$ iii 29
Mawirne 5355＇ jii 17 ， 21
 нáxectaı S355＇iii 32 $\mu$ ád $^{\prime}$ S355＇iii 32 رе́үе Oce $^{5} 5355^{1}$ ii 20 нidlers 5354 ís
$\mu^{\prime} \mathbf{x}^{2} 5354 \mathrm{i} 7$, x 85356 4， 13 （？）
нетá 5356 ： 53564
нстадедеш＂（5354 i i2－13（？）］
$\mu \mu^{\prime} x \rho 1$［5355 ${ }^{2}$ 6］


Midýcroc［5355 4 4－5］
vavíyroy［5355＇ii in（？）］ maie $53555^{1}$ ii $6,|14|$ manickoc［5354 i i 1 （2）］ ve 5354 i 38 （？）
\＄i申о $5354 \mathrm{i}_{4}$
oixia 5354 143
oixceta4 5396，
ононе 5354 ii il（？）

ӧпдекс $5355{ }^{1}$ iii 22 （？）， $25-6$（？）
отих 53551 iii 22
орау 5355 ＇ii 18
is 53541 is（？）ii 29 （？） $5355^{1}$ ii 2
（？），iil $3 \mathrm{~h}_{1}\left[{ }^{2} 4\right]$
oreep［5355＇ii 17］
aí $5354 \mathrm{i} 2,[21$（？）］ 53561
asberic 5354 i 4
айпе 5354 i 4
odroc 5354 is（？），il H（l） $15355^{2}$ $6]$
naióow $5355^{1}$ iis

пáv 5356 ；
napá $\mid 5354$ i 2 ｜

паратрреї［53567（？））
nà́ 5354́1ı［53567］
патทำ $\left[5355^{2} 7 \mid 53562\right.$
mepi 5354i 3，13， 16 （？）．（17（？）


नтขทํ 5356 3． 4
miver 5354 i 18 （？）
поска̄ $5355^{1}$ ii s，ibi 29
то́дс $5355^{\circ} 2$

ฉovêu［5355＇ii g］
потарос $\left[5355^{1}\right.$ ］$]$
пра́cect 5354 is
mpyngic 5354 ill
npóc 5354 i 14．［16］． 4
прок（－） 5354 i 2153568

простро́хену 3356 ¢－6
прผั๋y $5355^{2} 6$

## INDEXES

| cweior $5355{ }^{1}$ ii $\frac{10}{}$ | ［5355²7］ 5356 ［4］．1］ | Úparpeiv 5354it |
| :---: | :---: | :---: |
| ＜кגךрpor 535614 | тосаürec（ 5355 ＇ii 11 （？）］ |  |
| crohir（5355＇iii 21 el） |  | \＄aives 5355＇iii 26－9 |
|  | rpiderv 5355＇ii 2 | фivat 5354 i 14 |
| cqóspa［5355＇i i－2（3）］ | тр＇íay［5355＇ii in（3）］ | \＄aveŕrer［5354i is（2）］ |
|  | rpiroc［5355＇if s（？）］ | ¢u入áceesu（5356 6］ |
| rapácect［5355＇ii a（e）］ |  |  |
| raxic $5355{ }^{1}$ ii II |  | xeipaive 5355＇ii is |
| Te 5355＇ii 9．（14］，iii 22535614 （？） | ¢́pirepoc $5335{ }^{2} 8$ | xeipmv 5354i21 |
| Tpeat 5354i4（？）［53567（3）］ | imayapaverir $5354 \mathrm{il4}$（3） | xpioven $5355^{1}$ iii 32 （？） |
| raía 5355＇i 4 （？）． 6 |  |  |
| －1是póc［5355＇ii 4－5］ | Úró［5354 i 42 （？）］53551 ii 9，iii | ＊＜ $5354 \mathrm{i} 6,9$（？）， 17 （？）， $435355{ }^{\prime}$ |
|  | 27， 31 | iil 16535617 （？） |

IV．SUBLITERARY TEXTS（5357－9）

| aftoc［5358 ；（2）］ | \＃̈нic 5359 Is | ovis（5359 \％（Hom．）］ |
| :---: | :---: | :---: |
| aypror［5358 s（？）］ |  |  |
|  | Gearje 5357 6－7 | rawixec 5359 ¢（Hom．） |
| aidor［5359 3 （Hom．）］ | Baic 5359 y （Hom．） | mapá 535917 （？） |
| ana 5359 g （Hom．） |  | nàc 5357 ¢， 8 |
| فivip 5359 （Hom．） | Ulapóc 535916 |  |
| derifi 5358 | －Imadoc 5358 3－4 |  |
|  | imпакарик ¢i¢ 53593 （Hom．） | คa 5359 （Hom．） |
| Buadóyoc 5357\％ | ＇Iфexpáme 5359 14（？） |  |
|  |  | Confátoov 5357 3－4 |
| w 5359 ；（Hom．） | ```~aí S357 3, 4, s 5358 4 5359 3 (Hom.), 14 (?)``` | Capamiuy 535912 cantupia 5359 ı3（？） |
| 8ie［5359 s（Hom．）］ | wadỏc 53576 |  |
| ס6üre 5359 ıs |  | re 53593 （Hom．） |
| Sceutuxaiy 5357 7－8 | Ааохра́rye 53582 | тe入ec\＄6por 535916 |
|  | dounór 53574 |  |
| ＇Ehixćv［535917（？）］ |  | imif 535913 （？） |
| drumadein 5358 ； | $\mu$［［5359］（Hom．）］ | บитvor 5359 ¢（Hom．） |
| Eieupae 53573 |  |  |
| eirruxir $5357 \mathrm{I-2}$ | uヶ¢á 5359 is | \＄îloc［53599（），ri（）］ |
| eidux ciur 5359 back（？） |  |  |
| ［xery［5359 ；（Hom．）］ |  | xiv 5358 |
|  | noíeor 5359 g （Hom．） |  |
| Zeik［5359 s（Hom．）］ |  | 中utio［53599（？），u（？）］ |
|  | or 535917 （？） |  |

## V．RULERS

[^14]
## Caracalla

(no titulature) 53616 (year 22, retrospective reference)
Oeo̊ (rovम̄por Alvzavivoc 5361 17-18 (year 22, retrospective reference)

## The PriLIPPI

domini nostri Philippi Augurti 5363 i4 (no regnal year)

## JUSTINLAN

 1-2 (year 22) 5371 : 5372 1-2 (year 25) 5373 1-2 (year 26)

## Iustinus Il

 Aüroкрárcup $5380 \mathrm{z}-2$ (year 13)

## Tiberius II


 A움ucroc «ai Ároxpáтwp 5382 1-2 (year 8)

## Mauricius


 Aíyouctor каi Aừoкрázup 5389 1-3 (year 6)




## VI. CONSULS


















## VII. INDICTIONS AND ERAS

(a) Indictions

| 1st $53678(557 / 89) 5374$ ( $\left.55 \Sigma^{3}\right)$ |
| :---: |
|  |  |
|  |
| 2nd 5383 3. $16\left(58 y_{4}\right) \quad 539817$. 28-9 (59/9/9) |
| 3nd 5384; $53854.24-5$ |
| $4{ }^{\text {ch }} 53862,4$ ( $\left.58 / 1 / 6\right)$ |
| sth [ $\left.53652^{2}{ }^{2} 9\right](526 / 7$ ) 537 |

203/172 [5365 9] (526/7)
237/206 $5376 ;(560 / 61)$
$255 / 2245380$ 10 ( $578 / 9$ )
257/226 [5381 6] (580/81)
( $556 / 7$ ) 5387 ; ( $986 / 7$ )
sth (?) $53882(586 / 7)$
6th 5389 \& 5391 s, back, (a) 2
( $887 / 8$ )
7th $5390_{3}(588 / 9)$
8th 5364 3, 6 (year not given)
9th 5376 5-6 ( $560 / 61$ ) 5391 (a) I
5393 3, [21-2] ( $590 / \mathrm{gl}$ ) 5400 )
(b) Eras
$260 / 2295383$ is $(583 / 4)$
$261 / 2305384$; $(584 / 5)$
$262 / 23153864(585 / 6)$
$264 / 2335391$ s ( $587 / 8$ )

## VIII. MONTHS

A 10 up 5380 ; 5385 i4]. 2453862. 4 [5388 2] 5391 (a) n, $25394_{4}^{4}$ $T \nu \beta_{1} 5365$ 2, $^{2} 85393$ 3. [2] Mcxesp 53722

## IX. DATES

${ }_{27}$ October 265360 B2ı-2, 24 26 May - 24 June 275360 B9-10 31 December $\$ 265365$ 1-2, ${ }^{2}$ 8-9 ц. December 537 (?) 53678 26 April $\mathrm{s}_{4} 85369$ 1-4 7 Seprember sst 5371 1-2 27 January 5525372 1-2 24 Augur 5525373 1-2 9 May or 8 June 553 (?) 53744 18 June 55753751

Aярао́днас 5391 7, 11
Aßקpcáuıoc, Aur., s. of Anuthius and Sophis 5395 10, 21, 25
ААРрао́мсос, s. of Anup 5396 II, 26

November 5785380 1-1
2. Scprember 58; 5383 1-3

18 November 9845385 1-4, [24-5]
24 November $¢ 8953862,4$
24 September s 865387 :-3
6-15 November s86(?) 5388 1-2
29 Ocrober - 27 November 587 5391 (d) 2
10 March 588 $5389{ }_{1-4}$
${ }_{21}$ Ocrober 8855390 i-

## X. PERSONAL NAMES


XAřarifoc, alizs Sarapion 5361 10. [14]

Axe§andgoc, Aur. [5361 3-4]
(620/21) uth 5369 \& ( $547 / 8$ ) 5394 \& ( $592 / 3$ ) 12th $5380(3), 10\left(57^{8 / 9)}\right.$
$14 \mathrm{th}^{2} 5377$ 4.8 ( $565 / 6$ or $580 / 81$ )
[5381 6] ( $880 / 81$ ) 53962 ( $595 / 6$ ) 1sth $537125372253732(551 / 2)$

275/244 5398 29-30 ( $598 / 9$ )
$289 / 2585399$ ( $612 / 13$ )

Фареved 5389 4 [5400 3] Пахшу 53694
Пaw 5360 B9 [5375 1]
¿тауа́деvа، 53732

28 Ocrober - 26 November 590 5391 (a) :
9 Јапиагу ร9: 5393 I-3. 21-2
14 November 5925394 2-4
22 Ocrober 59553962
1 September 5985398 27-30
28 September - 27 October 612 53993.4

16 March 62: 54003
617 Ocrober (no year) 5364 11

Aheovic, Aur, s. of Anup 5373 11, [23]
A Aecoik. f. of Aur. Pamun, h. of Helena 5373 6, 20 (gen. AReovi)

भиáнос 5391 12
Няцнivor，Aur．，（former（？））gym－ nasiarch，prytanis 5361 23
A $\mu \mu$ wivior，s．of Ptolemacus 5360 Biz
 ［12］
Hilucrácuoc，alias Catus，s．of Maura， cook 5397 ［3］， 18
Heraró 5391 i7
Avoilloc，Aur．，s．of Pamuthius，sec－ retary 5378 ［s．20］， 23
Avoustror．Aur．，s．of Phoibammon and Maurs，b．of Aur．Philess， registered farmer 5375 9，22， （back 2 （？））
AvoiOioc，f．of Aur．Abramius，h．of Sophia $5395{ }^{10}, 25$
Hivoùbsoc，f．of Gunthus 53919
Hivoum，Aur． 5384 it，Lasl
Avour，f．of Abramius 5396 il
Avount，f．of Aur．Alcus 5373 is
Alvove，f．of Aur．Georgius 53768
Avour，f．of Georgius，former nomi－ carius 5388 to
Avrwyiver see Inder V s．v．Caracalia
Antarásioc，f．of Apollos 53709 53743537610
A九лашิpor 53797
Aптца，f．of Papnuthius 5391 （d）：
Hzicur．Fl．（Apion II）［5380 4）： former consul andinarius 5369 s ［5371 3］5372；［5373 3］［5375 2］；former consed ordinarne and parricius［5378 2］；former first parricius［5382 4］［5383 4］ ［5384 7］ $538565387+5390$ 4；former parriciun 5388 \＆ 15389 6］ 53922
Hmiav，Fl．（Apion III） 5381 it con－ sul 538625391 t；child and heir of Apion（II），consul 5392 i；s． of FI．Praciecta，consul 5393 4； ex consulibues 5394 ； 5395 2；s． of Strategius and FI．Praciecta， consul 5396 2；former patricius $5400{ }_{4}$
if miwv，F1．－1 magister molifum（？） 53756

Aro 538142
Алодлы－5381 ${ }^{2}$
 2
Anoldúvioc．f．of Pausition 5360 AI－2
Anoddeic，Aur．，s．of Calammon 53788
Asohdüx，f．of Aur．Onnophris 53788
Anoldewc，f．of Aur．Pancuous ［53908］
Anodruic，fof of Aur．S－ 53806
Innodaüc，f．of Georgius 5375 §， 21

Anodreic，s．of Apanakios，notary 5370 g $5374 ; 537610,12,12$ （Apollo）
＇Arohlice，spectabilis comes，adminis－ trator 5398 ；
Andovaie，f．of Phib 53918
Hzфoic 5366 s
A우oíc，f．of Pambechis 53917
Andoür，headman 5364 ［1］， 10
＇Apav，f．of N．N． 539112
Apecimp，f．of Aur．Georgius $\mathbf{5 4 0 0}$ 8
Apeẃrnc，f．of Aur．lamun 5378 g
Asórior we Àcwitiae
Acciactoc，f．of Aut．Pamuthius ［5377 10） 5378 4，［18］
Alyoveroc see Inder $V$ s．w．The Philippi，Justinian，lustinus II， Tiberius 11，Mauricius
Auppidiac 5361 ，［5371 s］：see sho＇АВрес́pioc，Alikavipoc．

 Feüpyioc，Sıovúcioc，＇Exúx．


 Mavevouc，Maciuv，Caupave， १．1．．．．$\mu \eta v_{1}$ Tovav，$\phi_{1} \beta$ ．



Bictap 53916
Biктwp，Aur．，s．of Phblb 5378 1
Bírrup，baker 5386 1
Birrwp，notary 5374 4 （Virtens）
Bix＋up，s．of Georgius，axistant of the civill burean 5395 4．20．24
Biктup，\＆of Pegyues and Tecrampe 5383 12．［27］

Гéspyoc，Aur．，\＆of Anup 5376 8，II
Fiẃpyioc．Aur．，\＆of Harcoro 54007 7． 12
「ıüpyoc，chicf phyxician 5392 3． 4
「＾úpyıae，f．of Vicat 5395 ヶ，［u］
 1；child and heir of Apion（II）， consul 5392 I
Геш́pyioc，notary 5398 зı
「еш̈pytoc，\＆of Atup，nomicrrius and overseer 53胃9，at
Гरúpyioc，s．of Apollos，superinien－ dent and reas－colleciot，magurer milorum（？） 5375 4．（2u）
「oinvoc，is．of Anuthrus，ymmachut 5391 g

Savind sectaviyjdioe
Savidioc，f．of Aur．Ionas，h．of

Aaving ioc，s．of Paulus［5391 1］］
Dtovistor，Aut，（former（？））gymana－ siarch 5361 is
$\Delta$ tovisier，s．of Theon 5360 A1，$B_{4}$ ， $\mathrm{B} 6, \mathrm{Bg}, \mathrm{Bis}_{1}, \mathrm{~B}_{2} \mathrm{y}$
＇Exion，m．of Aus．Praun，w．of Ale us 53736
＇Eveix，Aur．，s．of Rachd，b．of Aur． Phoibammon，registered farmer 5383 7，15， 25
＇Eiwx f．of Aur．loanne 5389 g ． ［19］
＇Epaic（1），f．of Aur．Philess 53806
Eppivoc，Aur，b，of Aur．Sourous $5382 \mathrm{H}, 25$

Baciletoc，fl．uer inder VI s．w． 548 ．Whice 5381 ＇ 10 S391 is $\$ 51$

Whiac．f．of Plutinus and Chrestus 5396 6．21， 23
Hhiac，headman 5364 ［1］，to
Hriac，aikere $\mathrm{S}_{3} \mathrm{SO}_{3}$
Whiae，s．of loannes 53918

Ocókupoc，f．of Aur．Menas 15367 7） 5368 i1
©c\＆owpoc，s．of Pharesmanius，trad－ ex 5372 s． 11
Oiar．f．of Dionsisius 5360 A1， $\mathrm{B}_{23}$
 53917
\％anúp．preabyzer 53666
7epquiar 53918
\％epquiac，s．of loannes 53916
Youcrivarió ser lndea V s．v．Jus－ tinian
7avciuroe sel Inder V sv．lustinus II
Zоїктос．Auf．，\＆of Amurhius 5394 9． 12
Toikroc．Aur，s．of Silvanus and Tarilla，sailor 5384 19． 35
7oucrox，f．of Aus．－us $5384 \mathrm{12}, 35$
I＇án，Aus．s．of Pamuthius 5378 g
Itiō wpoc，f．of N．N． 53644
\％un． 53668
7wámpe 5366 5． 7
7wairree alias Lacan，s．of Pumuthi－ us，chief gmmachas 5397 13．（197）
\％wénoz，Aus．，s．of Enoch 5389 9， 19
7waintr，Aur．，s．of Baulus，stewand of the monastery of saint Ama Bes
5378 4．19． 22
＇Jwárox．fi．of Aur Onnophris 5378 $t 0$
＇Juaingre．f．of Elizs 53918
Iwaingr，f．of Ieremins 53916
7＂～ávgr．f．of loseph 5383 i2
Twaivgr，f．of Perrus 53828 8，22， 25
リwaisvา，notary 5378 21（laahnnu） 5379 8． 9 （loahmnи）
＇Jwaivge，s．of Pertus 5391 io
Iwannge，stableman 5398 ：
Twrac，Aur．，s．of Danielius and －cia，sectretary 5373 ［6］，20，［25］

Tewerip，f．of－nus 539116
＇lucrid，f．of Aur．Hons 5373 7， 21
Iawit，f．of Aur．Pambechis 5368 7．（14）
7aciyg，s．of loannes．phrontistes 5383 is

Kaicap see Inda V s．v．Tiberius， Tiberius II
Kadápıuvr，f．of Aur．Apollos 5378 9
Kàéнншw，f．of Aur．Philorenus 53789
Kafoue see Muactástor
Kıpu кúv，s．of Menas 5396 n． 26
Конทัтクŋ．overseer 5391 back
$K_{\omega-} 5381{ }^{4} 4$
Kwherartivac see Indea V s．v．Tibe－ rius II；Index V s．w． 583,584

Maliac，f．of Pecois 5391 （a） 2
Maxáproc，banker 5399 ：
Maxápioc，s．of Papnuthius，preby－ ter 5396 10．\｛25］
Maúpa．m．of Anastasius 53974
Maúpa，m．of Aur．Anuthius and Aur．Phileas，w．of Phoibammon 53759
Mav́pa，m．of N．N． 53718
Mavpiкior see Indes V s．v．Mauri－ cius
Мクуrác，Aur．，s．of Sophia $\mathbf{5 3 9 0} \mathbf{1 2}$
Minväc，Aur．，s．of Theodorus 5367 65368 เо
Alquä＿，f．of Kerekon 5396 u

Mpräe，ouketes［5365 §］ 53697 ［53714］［53724］ 537345375 3）［5378 3］［5380 5］［5382 s］ 5383 ； 53848 ［5385 7］［5387 6） 538865389 ； $5390 ; 5393$ $6539465395 ;$
＂Onw 1 pic，Aur，s．of Apollos 5378 8
＂Onvedpic，Aur．，s．of loannes

537810
IT 53819
Пӓұск 53666
Пaıทŋov，f．of Psecius 5391 to
Пакеов，f．of Tecrampe 53916
Makeove $5381 \mathrm{~g}, 12$
Hateoúr，f．of Aur．Phileas，h．of －re 5393 8．［27］
$\Pi_{\text {aju }} \boldsymbol{\beta}_{\eta_{X i} \text { ic．}}$ Aut．，s．of loseph 5368 7．［14］

Панойfor．Aur．，s．of Asocius， headman［5377 10］ 5378 4， 18 ， ［22］
Пapoút $\begin{gathered}\text { oc．Aur．，s．of Phoibammon }\end{gathered}$ 53737,21
ПаногЯ＇soc，f．of Aur．Isac 5378 g
Пapoítios，f．of Aur．Anuchius 5378 s， 20

Подайgиое，former overseer $5398^{5}$ 10
Пapour，Aur，s．of Aleus and Hele－ n2．headman 5373 （6）． 20
Пapons，Aur．，s．of Hareores 5378 ，
Пavivour，Aur．，s．of Apollos，for－ mer headman 53907
Пavpoic 539112
Пazvoútioc 53817，10，［13］
Пaaroúfioc，f．of Macarius 5396 to
Пamroübrac，notary 5382 24（Pap－ nufiv） $5384 ; 33$［ 5385 31］ 5397 14． 16 （Rapnuifu）
Пamoóbioc，s．of Apima 5391 （a）I
Пamvoúfioc，s．of Phoibammon ［5391 n1］
Maciand，Aur．，assistant to the coun－ cil 536128
Пaǜor，f．of Aur．Ioannes 5378 4． 19
Пà̀̀or，f．of Danielius 5391 ıз
Iavecipiuv，s．of Apollonius $\$ 360$ Al
Hexorc，s．of Mathias 5391 （a） 2
Rexíesoc，f．of Prauus，gf．of Thom－ as 53917
Пexúsoc，f．of Victor，h．of

## X. PERSONAL NAMES

Tecrampe, phrontisles 5383 iz
Пírpor $5381^{6}{ }_{1}$
Mípoc, f, of loannes 5391 to
Hirpoc, s. of loannes, monk and archimandrite of the monastery of Pamuthius 5382 7, 22, 25
Пhavrivoc, s. of Eliss, b. of Chrescus, chief sommachos 5396 s. 18 (IAlovtíw' written), 20,29
Пhooriuv see IThourivor
Прайк̈кт, Fl., consuless 5381 i 5391 n i child and heir of FI. Apion (II), consul [ 5392 I ]: m. of Fl. Apion (III), consul $53933_{4} \mathrm{~m}$. of FI. Apion (III), w. of Strategius 53963
$\Pi_{\text {pavaic, f. of Thomas, s. of Pecys- }}$ ius 53917
Пrodepaioc see Anodhéunoc
Пуodrرаioc, f. of Ammonius 5360 $B_{12}$

Paxjำ, m. of Aur. Phoibammon and Aur. Enoch 5383 \&

Caparion see 'Aliésarpoce
Couvpore sef Inder V s.v. Caracalla
Culbavóe, E. of Aur. Justus, h. of Tarilla 5384
Coupoü, Auc, b. of Aur. Herminus 5382 in, 26
Coupaik. Aur., s. of ...]시.].or 5373 t1, [23]
Coфia, m. of Aur. Abramius, w, of Anuthius 5395 io
Coфia, m. of Aur. Menas $5390{ }_{13}$
(ri申aroc, chief physician 5392 3, 4
CTıфаvavic, m. of Aur. -i- 5385 10
Crpariytoc, f. of Fl. Apion (III), h, of FI. Praciecta 5396 ;
Crparivioc (II), Fl., ex consulibus and maguler milisum [5365 3); $e$ cenvulibus, magister milirum, and parmine 5366 ,
(rparintor (Sus Paneuphemos), consul 5398 4: patriciue 53992
Curcaiva, m. of Aur. Phib, w. of -n- 5369 ло
৭. . ...., , нұע, Aur., s. of Apollos 53806

Tapilia, m. of Aus. luseus. w. of Silvanus 538420
Tекраллт, d. of Paceu 53916
Tcкранге, m. of Victor, w. of Pecysius 5383 is
Tifipooc see Index V s.w. Tiberius, Tiberius II. Mauricius; Index VI s.v. 583,584

Tovar 53797
Tovav, Aur, s. of Philoxenus, registered farmer (?) 53808

Фapeceávioc, f. of Theodorus 5372 6, [II]
$\Phi_{1} \boldsymbol{\beta}$. Auc. s. of -n-and Susanna, oil-maker 5369 9. 12
$\Phi_{1} \beta$. docier 53919
$\Phi_{1} \beta$, f . of Aur. Victor 53788
$\Phi_{1} \beta_{1}$ s. of Apphuas 5391 g
$\Phi_{1} \beta_{1}$ s. of Peceius $5391{ }_{13}$
$\Phi$ líac. Aur., s. of Eras (?) 53806
Фiliac, Aur., s. of Paleus and -oc 5393 8. [27]
\$líac, Aur., s. of Phoibammon and Maura, b. of Aur. Anuthius, regisreced farmer 5375 9, 22
Philippees see Index V s.v. The Philipii

Фiláfover 5391 (c) 1
Фidóquor, Aur., s. of Calammon 5378 g
©idófevoc, f. of Aur. Touan 53808
\$ulóईevoe, FI. see Index V1 s.v. s26
Фulofevoc, notary 5367 [8], 8 (Filaxenu) 5368 12, 13 (Filaxenu) [ 5370 ıo (Filoxemu)]
$\Phi_{1}$ dófevac, overseer 5366 [3], so
Фháovioc see Aniuv, 「éúpyioc.

Прайікхту, (rparifyoce Inder V s.v. Justinian, luceinus II. Tiberius II. Mauticiu: Inda VI arr. $526,548,531$

$\Phi_{01} \beta_{\dot{p} \mu \mu \omega v, ~ A u r, ~}^{1}$ of Rached, b. of Aur. Enoch, registered famer 5383 7. (15), 25
©0.ßápucuv, f. of Aut. Anuthius and Aus. Phileas, h. of Maura 5375 g
$\Phi_{01}$ Bappurv, f. of dur. Parnuchius 53737.21
 II

Xfikroc, s. of Eliss, b. of Plutinus. riparius 5396 7, 22

Yeisoc, fo of Phib 5391 I)
Yeitoc, s. of Prieu 5391 to
'Spor, Aur., s. of loseph 5373 [7]. ${ }_{21}$

Jein, m. of Aur. Ionas, w. of Danielius 53737

1. ...|enc, Aur. s. of Precius 5378 10
Jeokik $5381^{\prime} 6$
jevik 53a1's
[. .]. |, Aur, s. of Seephanous, reg istered hrmer 5385 g , [jo], i] IA [.]. ox, f. of Aur. Sourous 537312
[..].v-, f. of Aur Phib, h. of Suscanna 5369 io
].roc, s. of loseph 5391 is
2. où 5391",
]uc. Aur., s. of lutus, registered siilof 538412.35
[ 1 win, m. of Aur. Phileas, w. of Paleus 5393 g
-wryc 53669
[.].[.... . mechanic 538520

## XI．GEOGRAPHICAL


Anтomapion（imoiксе＂）53839， 26
 5362 2
Außトoutrox 5391 （d） 2
Yive Itcriar［5360 As－6］

 5383 ：
AmoManviov nai Nixávopos （ $\alpha \lambda$ गтpoc）［5361 2ऽ－6］


Aproxo＝ian 5366 back（？）

 － 54008 8 9

Bopparó ser Àerudā Boppuove
Gallicanes［53636（？）］
Sunnciáboc（izoiktor）［5368 i4 （？）］

＇E．．．à $N_{\text {ороí }} 5362$ ।
2－（imoiкะon） 537510 （？）
＇Hpondä 53914
＇Hpaxdromoditpre mopóc 539612
Hpartiour zähu 5396 2，6．（25）
11］［！ter 5376 ：
7oufaĩo 5364 4－

 Icrion
Tkion 5391 is
＇Rerpon（iтоіксои） 5360 A4 53616

Camarra［53636（？）］



 $n$
Marper $\left.5381\right|_{4}$ ）．${ }^{4} 3$
Mryáhipe Tapoveivol（клїца） 5382 12．［（26）］
Més
Moúxuc（хи́ци） 5390 I3
Mupofaiávou（ä $\mu$ фобow） 536124
Nia Jourrivou nádie［5378 2－3］ 5380 ［4］． 7
Na Пódte $5362 ;$
Nixávapor see Mmadduwion mai Nixávopor
Notivan $5391_{4}$
Nórou（ $\mu \eta \chi^{a v i p) ~(?) ~} 5391$（a） 2
玉－（ітоіклои） 5375 по（？）
＂Oacuc 5362 ：
 $8 \quad 5375$ n（5382 13 ） 53383 و1［5384 44） 5385 \＃ 5389 n （5390 9）（5393 9）［5394 10］ （5395 11）（54009）
 $538812(5395$ 5，25）（54007）；
 ［5365 4－\｛］［5366 2］ $53696-7$ 5371 ；［5372 4］ 5373 ＋ 15375 3］（5381 2－3）［5382 s］［5383 s］ ［（53848）］［53857］［（53875－6）］ 5388 ；－6 5390 ；［（5391 2－1）］ （ 5393 s） 53946 ［5395 2－3）｜क）


（5382 2§）
 （5375 i）
Opturiou 5366 back（？）

Патрритое（кגйрос） 5360 А6

Hipcyc 5360 A2
İe：pewiou（imoikan） 53807
Пiaa（droincoy） 5383 12，27
Пunp（inаікай） 5391 （a）：
Подїдшихе 5391 3．12，16，［26］， back

C，$\varnothing \omega($（шш́ $\mu \eta) 53738$


тотархіа $\$ 360 \mathrm{As}$（ $\mu \mathrm{i} \mathrm{c} \mathrm{\eta}$ ）
Toü K－riparor（ $\mu \eta \mathrm{Y}^{\mathrm{am}} \mathrm{\eta}$ ）（5391（a） 1）

Tрічйои 5391 4，$\times 2$
Tpaîliov（ктîua） 5388 is
Tpúquavor Ilcuiov 5360 Bio－1t

Xevímmou see ］．［．］［．］wnor wai Xpucírzou
＂$\Omega \notin \mathrm{c}(\kappa \dot{\mu} \mu \eta) 5395$ 11， 25
］．an［ Jov 538436
 houx（inoikioy） 539410
］．［．］．（кАїpor） 536127
］．［．］＜［ ］шиое каі Xрикі́твои （«入ท̄poc）536I 26

## XII. RELIGION

(a) General
${ }^{\text {áy yoc }} \mathbf{5 3 7 3} 165375$ is 5378 4, [23]
|5379 31 53958
ана 5378 4. 19. [23]
dpxчмаvбрíme 53827
Bic, a $\mu$ a B. saint, monastery of 5378 4, 19. (23)

eveifera [53717] [5372 8] 5373 10 53757
sivefictafor 5369 I [5371 1] [5372 1] [(5373 1)] [(5380 1)] [5382i. (3)] [(5383 i)] [(5384 t)] [(5385 1, 3)] 5387 (1), [(3)] [(5388 1)] $5389[(\mathrm{t})],(\mathrm{3})$ [5390 3] $(5393 \mathrm{i}, \mathrm{j})(5394 \mathbf{2}, 4)[(5395$ i)]

ไwonotó 53958
Orioe 537316 [ 5375 16] 53787 [53793] 5382 10 53832 5384 3. 17 [ 5390 14]

Ocab́aroe 5369 1 [5371 1] 5372 1 [5373 1] [5380 1] [5382 1] [53831] [5384 1] [53851] 5387 1 [5389 1] 5393 1 53942
Beóc [5371 7] $53728 \quad 5373$, 53757537665380 it 5383 16 [ 5385 26] ( 5393 22) ( 5394 1) ( 5395 20) 5396 19 5400 2; ste aluo Index V s.v. Caracalla

Incoú [53941] 15400 2]
lousaioe see Index XI
Yerior see Index XI s.w. Avew 'lecition, Tpidewnac Ilcicioy
suppor (53941) 5400

номастіррои 53828
Пapoitooc, monastery of [5382 8] таитокра́тшр $\left[53717 \left\lvert\, \begin{array}{ll}7 \mid & 53728\end{array}\right.\right.$
[5373 디 53757
mpreßírepoe (53666) [55381' 7. 8)| $\mathbf{( 5 3 9 1} 17) \mathbf{5 3 9 6}$ 10

Cwiñ 5394; 54002
то́zoc 5378 4, 22
Tpiáe 53959
тuxy 53717 [5372 8] 5373 וо 5375 8

(b) Invocations


## XIII. OFFICIAL AND MILITARY TERMS AND TITLES


Bacidicia 5369: [5371 t] 5372 1 [5373 1] [5380 1] [5382 t] [5383 1] [5384 1] [5385 1] [53871] [53891] 5393. 53942
Bactitıóк 53959
Bacutic 536213
Boudeutixàc ủnтpérye 536128 ßovגท' [5361 11]

yunvaciapxac ( 5361 13, 15) (?)
ducens stgniffrum (53634) (?)
ivaróypador 5375 10, $[14] 5380$
9 5382 13 (5383 14) [5384
25) $538512 \quad 538911$ ( 5393 10)
[5394 in]
ivapxo 5361 I3
eroofoc 53729 [5377 i, 6, 12] 5378 [6], is 53794 [5380 4] $\begin{array}{lllll}5382 & 19 & 5384 & 28 & 5388 \\ 9\end{array}$ $5395{ }_{17} 5396$ 5. 14, 24, (29] 5397 4. 9 , ( 28 ) $\left[5400_{4}\right]$
¿vбо\{ótarec 53653537235375 6 (53812) 53962
indofóme $\left[5365^{2} 2,4\right] 53717$
 538011 (5383 17) 5385265391 18 [5393 22]
<писфрауксті̆. [5362 6-7]
inirporoc 53623
 1 [5384 2] [5385 2] 5397 1 5389 2 ( 5393 1) 5394 2
civnéćcaqoc [53664]
 [5385 s) $5387+5388+5389$ , 5396 ]
iñuxíctatoc 5380 )
indurriwy are Index VII(a)
cenfuria (5363 ;)
cennurio (53638)
 $\omega \nu)$

comet 5363 7
commilurs 536312.15
«ра́rксто (5362 3]

入анаро́raro＜［5365 1］ 5369 3 ［（5371 2）］（5372 2）（5373 2）

диícu： $537320(5377$ 10） 53784. $[(68)]$ ，（22） 53907

юодикариос 5388 9，11，（18）
 5373； $5375: 53782$
offrialu 53638
mayapxeir（5371 s） 53738 ［5377 1］ 5378 ；$(53909)$
 5371 ［3］+5373 3， 553752, 45378 2． 3 5380 s［（5332 6）］ $53837 \quad 538410 \quad 538885389$ 8 （ 5390615393 ； 5394 s． 8 $53952_{2,13}^{13} 539717$（53984） （5399 2）
шатрікок $5366{ }_{2} 5378{ }_{2} 5388$ 4 53896 ｜ 5392 3｜（ 5399 2） 5400 5
épígheryor 53986
procurator 53637
sportacía（53664）

## INDEXES

трітание 5361 ［1］， 13

третотатрікнк｜5382 я｜ 5383 s 53847 ［53856］ 5387 5（5390 5］
pará̧eror 5396 7， 22
signifer see dascens sugniferum catadóyor 53626
eкрірвои 5395 4．$(20.24)$
страттүóc［5362 I］
erparท̀árทe［53654］［5366 1］
стратнитико́к 5362 ıо
сіринахос（53919）
curoòpzar 5361 и
ráfuc 5395 s
ribunicius $5363{ }_{13}$
tribunus 53638
úmatría［5365 1］ 5369 з 53711 5372253732 ［ 5380 2］［5382
 5387 2［5388 1］ 5389 ；［5390 2］［5395 1］
ย゙тáт木ска｜（5381 1）］（5391 1）

5392 ，
ข̈татох $[53654][53661] 5369$ 6 ｜ 5371 3］ 5372,$5373 ; 5375$ 2537825386253912 ［5392 $\left.{ }_{2}\right] 5393 ; 5394 ; 5395=[5396$ 3］ 5398 ；
incoфvien［5367 3］ 5370 2． 4 ［53716］ 5373 9，11 5375 8，10 ［（5376 3）］ 537775378 6．［8）， 14 ｜（5379 i）$] 53809, n_{1}, 16,1^{2}$ 3） $5382 \mathrm{n}, 13,16,17 \quad(5383 \mathrm{17}$ ， 22） $5384[15],(18), 255385 \mathrm{r2}$ ， $\left.\left[\begin{array}{lllll}{[16,18]} & 5388 & 17 & 5389 & 11,\end{array}\right] 16\right]$ $53909,12,145393$ 10．［44］，is （ 5394 เo） $5395 \mathrm{~g}, 15,1853969$ ， ${ }_{13} 5397$［（2）］． 5
і́nсрфvicтатое［5365 3］［5366 1］ 5369；［5371 3］［5372 3］5373； $5375=53782$｜（5381 1）］［5382 4］［5383 4］［5384 6］ 5385 ； （5386 2）［5387 4］5388 ；［5389 s］［5390 4］（5391 1，2）［5392 1，2］（5393 4） 5394,53952 53963
ínpiuge ser Boudeutukàs ürmpirgk
фо́por 53956

## XIV．PROFESSIONS，TRADES，AND OCCUPATIONS



етткеінаvor 53756

Oupoupóe［5393 25］
iarpóc（53919）
дауесрое 5397 4，（18）

vaúrpe 53841 1s． 19
vorápioc（5399 i）
аiкс́ryc 5365 s 53697 ［ 5371 4］ 5372 4 5373 4 5375 ； 5378 ； ［ 5380 5］ 5382653836 ［ 5384
 53897 ［53906］ 5393653947

5395； 53964
จікаио́рос 5378 4，19， 22
праунатентір 5372 s 5396 н， ［（2）］
трогоทrำ［（5366 3）］［（53814）］ 5388 g（5391 3，bick）（5398 i1）

сrавдїтре 5398 2．（15）
 $\left.12 \quad\left(\begin{array}{lll}5376 & 12\end{array}\right) \quad\left[\begin{array}{lll}5378 & 21\end{array}\right)\right]$ （jumb（olatographu））（5379 9） （sumb（olaiographu））（5398 32）

фроититрй（53808（？（？） 538312 （bis）

## XV. MEASURES

(a) Weights and Measures

16, 17, 18, 19, 20, 21, 22, 23) 5398 20. (21)

Aítpa 5395 18 5396 17, (17)
нitpon 5360 B 12 (retpaxaikxor)
(b) Moncy
 4)
vоцисца́тюо 5368 8. (14) (53817.

53627 (5391 6.7.8.9)

rerpapaivare $5360 \mathrm{Bl2}$
© 9, 10) $5391(2 ¢)$. (b) [(ta)], (1) (bis), $[(2)]$, (2) (bu), |(3)] (5397 i8) $(5399,1(b s), ~ i t)$

## XVI. TAXES

бпно́к兀а 5370253773537814 [5380 ${ }^{\text {3 }}$ ]]

## XVII. GENERAL INDEX OF WORDS

${ }^{2}$ ardapice 53704
äßporor 5367 ; 5380 I7
aylor see Index XII( $(a)$
dynoeil 5362 \&
ayopázeav [5376 1] [5393 17]
аураддатое [5367 7] 5368 II 5370 و (5374 3) (5376 10) (5379 8) [(5384 33)] [5385 32] ( 5397 15)
áypór 539317
तуүшyi $5369,53714[5372$ s] 5373 ; $5375+5378$; 15380 6] [53827] [53837] [5384 tı] 5385 g 5388 \& [ 5389 g] 53907 53938 [53948] 5395 + 5396 g
 [53838] 53967
 5382 I4 5384 21 5395 II
díaaírep see Index XIII
aíodoc 5360 B11
аі́сісие 53954.24
aipeiv 5360 Brg 536475383 21

aqu ite Inder XII( $(\mathrm{s})$
ä $\mu$ тedoc [5389 in]
ápreloupyóx be 1nder XVV
äv $5360\left|\mathrm{~B}_{7}\right|$. $\mathrm{B}_{14}$
avaßodí $5370{ }_{j}$

aradixectar 5361 i+ 537175372 95373 |u1), 2253758 8, |(back 2 (1)) ! 537711 ! 53787 (5379 7) 538075382 io, (25) 5383 g $(538417.35) 5390 \mathrm{It} 5395 \mathrm{~g} .21$, (2ز) 5396 10 [5397 2. (18)]
алакорибі 53682
 (5391 〕) (5399 2)
а̀аретркїі" 53624
àvamגtipusic [5365'9] (53763) (5385 22) [5393 19-20]
ávipxectal [53642 2] [5385 16] 5389 19 | 5393 is]
iveck 536120
ane 5396 9
imip 5362 10 5369 و 5371 +

5373 ； 5375 \＆ 5378 ；｜5380 s｜ 53827 （ $\mathbf{5 3 8 3} 7 \mathrm{7}]$［5384 11） 5388 85389853948 ［53954］
ircheir $\left[5365^{2} 1\right.$ 1） $5385{ }_{14} 5388{ }_{15}$
［ 5389 14］ $5393{ }_{12}$
аітגךтио́к［5365²6］［53763］
［5385 22］［5393 19］
Arvereficiax 5367 ； 53703
area ser Inder XI s．v．Alve Fivior
divoripe 5367 s
 7］5368 ॥1（5370 9）（5374 3） $\mathbf{( \$ 3 7 6} 10) \quad 538516 \quad 5388: 7$ ［ 5389 16］ 5393 ו
dईiwes 536120 （）
д́swr 5376 \｛r｜，9．11．［14］ 5393 ［13］． 14．［23．24． 25 （？）］
ispurtir（ 5395 ig ）（ 5397 ni ）
فãartix suov 5383 य
amac $5368+53705(60) 5375$ i8 $5378 \mathrm{nc}^{5} 539512$

izipxectar（5399 1）
astrhatóryc $5380_{12}$
devhnuarióe see Inder XI s．v．

वттлоки［5367 6］ 536865373 19 （5375 20）（5376 8）｜（5377 9）］ $5378 \quad 18$（ 5379 5）$\left[5380^{1}\right.$ 1］ $538221\left(5384\right.$ 31）$\left[5385 \mathbf{2 g}^{29}\right]$ 539520539712
 3］［5366 1］［53674］［5368 14］ 536965371 ［3］， $8 \quad 5372$ 3．10 5373 3．（8）， 125375 2．5， 105376 11， 135378 2，3， $1053809,8,10$ ． II，［17，${ }^{2}$ 3］53817，${ }^{3}$［2］，3，4，［6］， 8，4 $[1,2,6], 8,[9,10] 5382 \mathrm{~g}$ ， $12,25,2653838,[12], 13,15,17$ （bis） 5384 13， 205385 to 5388 II 5389 10 53907.8 ， 1353916 ， 8．9，10，14，12，13，（15），15，16．17， ［2］］，24，25，［26］，27，（4）1， 25393 95394 9．9 5395 2，5，10．［25］ 5396 4，6， $11,[2 y], 2654008$
 27］（53924）［5393 25］ 539826 ánobibós＋ar $5360 \mathrm{B8}, \mathrm{~B}_{14} 53689$ 5370853742

 5378 12， 17 ［5379 \＆］ 5382 21 5384 ；0 539512
íródelyle 5395 is 5396175397 10
imadıu＂áveu 5373 iз（ 5384 22） 5395
 25） 539522

íтортіг 5377 ；
 12
d́vózaxpoy $5360\left(\mathrm{~A} 7-8_{4} \mathrm{~B}_{2}\right]_{,} \mathrm{By}_{1}$ B7，B9（5381 13，${ }^{3}$ 10）（5391 14）
і்шо́тактес 53708538016
ітота́ссен 537817 ［53956］
ג்пот $\theta$ évas 5362 8－9
írotiven $5360 \mathrm{Bl}_{11}$
аракос $5360 \mathrm{~A}_{7}$
depúpiov $5360\left|\mathrm{~B}_{14}\right|$ ，（ $\mathrm{B}_{17}$ ）
ápró̧en 53956 （6is）
 15） $5389{ }_{14} 539312$
apoupa sue Inder XV（a）
daráß
dipron（or－） 5366 back（？）
diproжóroc ser Index XIV
iexuiatpos ser Inda XIV

dipxicúpuaxac see Indes XIII
áсфа́дсєа 53968539823
д́си́датос［5367 3］
व̀тритос $5370_{4}$
aベใaiprroe 53716 ［53787］［5382
g｜ $\mathbf{5 3 8 4} 16 \quad \mathbf{5 3 9 0} 1053958$
Aüroxpátwp see Inder XIII
aйróc $5360 \mathrm{~A}_{1}, \mathrm{~B}_{6}, \mathrm{~B}_{10}, B_{13}, B_{20}$ 5361 19， $1953623_{3}\left[5365^{2}\right.$ 3，5］ 5367 2．4．$[7] 5368$ 3， 1153698 $\mathbf{5 3 7 0} 7,8,953714,8$（bis） 5372 75373 5． 12 （bus），13（bis），14，17， 19．［25］5374， 53754 ， 5 ，II（bis）， ［ 12 ］，12， $\mid 13$ ］，13，16， $175376[1,2]$ ， 10 5377 ［1］，3，7， 85378 3．（ 8 ］． $10(b i s),: 11$（ker）， 12 （bis）， 13 （ $(\mathrm{lr})$ ， 44（6u），［15］，16，｜66］ 5379 1，l3．

4．5，81， $853802,5,8(6 i \mathrm{~s}), 9,12$ ， ［1s］ $5381^{3}(2,3,4),[(8)],{ }^{4}(1)$ ， $[(2)]_{1}(8,9,10) 5382[2,6], 9,14$ （bis），15，16，17（bis），19， 205383 6．9，11，13， 14 （bis）， 18538410 ， 15．18， 20 （bss），21． 22 （bis），24，27， 30， 335385 ［3］，12，17，［3］］ 5387 25388 ［t］， 7,105389 3． $8, ~(12]$ ， ${ }^{16,[18]} 5390[2], 6,12,[15] 5391$ 6，8，9．（10），11，13，14，15，17，［27］， 24．［27］ 5393 3，4，7，10，14，［17， 23． 25 （3）］ $53944,8,[11] 5395$ ， 3，10， 11 （bis）， 12 （bis），［13］，13，14， 15，16， 18 （6is） 53967 （（eri），［10］， 13．22， 23 （ter） 5397 3，6，8，11，15 5398 8，［12，15，18］
ai้วดิิ（536524］
Bacheía see Index XIII
Bacisuxóe vee Index XIII
Bactic see Index XIII
Beßawoù 5360 B8
fía［5396 9］
Bı
Boŋ̈日cia 53956
Boppivós see Index XI s．ovy Aemose

Boủhectar［5362 is（？）］（53689）
Bowגeursaóc see Index XIII s．v． Boudeuruxó imnpiryne
Bouniń see Index XIII
Bpoupaitia see Index XII（a）
Yalұро́rye［5380 2］
уанеті $537512 \quad 5378$ ॥1 53989
$\begin{array}{llllllll}\text { रíqua } & 5361 & 17 & 53674] & 5380\end{array}$ $175383{ }_{21}$
 $5380^{3} 1$
reouxcir［53654］ 5366253696 $5371 ; 5372$ ；｜5373 a｜（5375 2） $5378{ }_{2}\left[53800_{4}\right]$｜（5381 2）］ ［5382 s］［5383 s］5384；［5385 6］ $\mid 5387$ \＆ 5388 ； 53896 5390 ；（5391 2） 5393 ； 5394 653952
үеачхико́т 538320 （ 5385 13） 5388 ${ }_{13}$ 【5389 13］ 5393 II
recopriá［5360 B16］
rewprós see Index XIV
坦 5360 Bs $5365^{2}$ ； 5370 2］ $\left[\begin{array}{llllllll}5380^{2} & 3] & 5385 & 15 & 5388 & 16\end{array}\right.$ ［5389 14］5391 17， 20 ［5393 13］ ríwectar $[(5366$ 3）］（ 5376 II ） ［（5378 22）］（5381 4） 5382 ［4］．
（25） 5383 ［3］， $45384 \mid(4)]_{1}(7]$
5385 6．13，［（32）］（5386 3（bis））
［5387 §］ 5388 4，（80），13 5389
6.125390 \＆$(5391$ 3） 5393 11

5394 11 5396 （17）．｜（29）］ 5398
nis（21）（5399 3．4） 54005,10
уvшицр $53716 \quad 537275373 \mathrm{~g}$
5375753786 ［ 5382 و 9 ［ 5384
16］ 5390 ı 5395 ：
yónor 5362 u
урірнаа $5362_{12}^{\text {（53716］［5372 6］}}$ 5375653966
रpaspaтevic see Index XIV
ураниа́тьо 5368 3．6،［（4）］） 5369 12）
уріффи＂［53676，7］ 53686.11 5370 6． 95373 （19）．25 5374 ； $537520 \quad 5376[(8)], 10(5377 \mathrm{~g})$ $\left[\left(5378\right.\right.$ 18）］ 5379 （5）． $8 \quad\left[5380^{\circ}\right.$ 1］$(5382$ 2）$(5384$ 31．33）$[5385$ 29．31］ 5395 20［5396 23］ 5397 （12）． 14 5398［27］， 32
уериастархеï see Inder XIII
уириасіархок see Indox XIII
Si $5360 \mathrm{~B}_{2}, \mathrm{~B}_{3},[B 6], \mathrm{B}_{7}, \mathrm{~B}_{4}$ ． B1s 5362 3． 45370 2， 35377 65380 10 5382 17， 20538316 538428 ［5393 23．24］ 5395 7． 17 5396 6．7．15 53979
8eiv［5370 ${ }_{3}$ ）
Sekaḑ $5397115398{ }_{21}$
Sexaoктó $5386{ }_{3}$（bis）
Sikator $53766[5393$ 22］
סectányc 5369 1， 8 ［5371 1,4$]$ 5372 i， $55373(1), 5(53754)$ 5378 з 5380 ［ı］，s［5382 I，з． 6｜ $5383[1,3], 653841,[4,10]$ 5385 ［t］， 3 （supplied）．［9］（5386 2）$(53871$, 3） $5388(1), 75389$ f11． $8 \quad 5390$ 3， $6 \quad 5393 \mathrm{I},(3), 7$ $33941,(2,4), 75395[1], 35396$ +5400 I

סес́repor 5383 ו6 5398 17， 29
8́yectar［5365 7 7］5376； 5385 22539319

ठ̂ךцо́кіа see Index XVI
Spaóciav see Index XVI
бпроо́тох 5360 B4．B17 5361 2） $53628 \quad 5373$［16）， 17 ［5375 15］ ［53792］［5396 14］
 8） 5367 （8）． 8 （di） 5368 I2．13 （di） 53697 ［ 5370 ıо（di）］［5371 4］$[5372$ 41 $5373+5374 ;($ d $)$ $5375 ; 5376$ 12，12（di） 5378 ［3］）， 8， 21 （di） 5379 g（dif）$[538041$ ${ }^{3}$ 4） 5381 \＆$\left[(12) \mid,\left(12,3{ }^{3},{ }^{4} 2\right)\right.$ 5382 ［s］，24（di） 5383 ； 53848 8． 185385 ［7］， 20 （53861）［5387 6］ 5388653897,165390 s，12， ［ rg ］（ $5391 \mathrm{3}, 6,8,9,10,11,12,13$ ， 17，（c）1） 53936539465395 3．9．15，18，［23（dil） 5396 3，7，8， ［10］，13，23， 24 （di） 5397 3．s． 16 （di） 5398 s． 32 （ 5399 ）
Sıáyew 5378 II 5382 id 538421 5395 11
Sıаураф（）（？）$[$（ 5391 18）］
§ádoaxoc［5384 6］［5385 5］ 5387 $+53904$
 54006

סıафipan［5375 11］ 537625382 13（5383 13） 5384 н 5385 n $\begin{array}{lllllll}\text {［ } 5399 & 10-11] & 5393 & 10]\end{array}$ 10］
Sơ̂óvà 5376 II 53777 （53918） 538216 （ 5386 נ）（5391（c）I） ［5393 24｜ 5398 i］［（5399 t）］

Sıканодоуia 53956
8iка木ас 5368 3．5 5370 5， 65375 18，［20］［5380 14，＇1］［5383 20］ 5396 ；
סiny 5360 Bzo
8іроррос 53708
Sıoیкŋุтyic see Index XIV
סınioû 5360 Brs
8．ccór 53706

Sixa 5377 ；［5378 is） 5382 is $538427 \quad 53958.16 \quad 53968.14$ 53978
$8610<5395853968$

8ймри［5379 8］ 5395 וя 5397 ı1
8írac8al（53956） $53 \% 6$
§ủo 5399 ；
dubíxaror 5380 10
 ｜21｜
daveoü 53617 ［ 5376 1］［ 5385 19］ 5393 it 5396 is （for iраитой）
＂阝8орас 5390 ；
гіүррофос 53968
＇ryuâ 53717 ［ $\mathbf{5 3 7 2} 81 \quad 5373$ 10 5375 \＆ 5378 ； 5382 10 5384 17 5390 ॥ 53950 g， 215396 g， ｜（25）］［5397 2］
iryún 5372 n $\quad 5973$ 99，22 23 5375 18，20［53779］ 5378 18 19．20．［22］ 5379 y．$|7| 5332$ 21， 23．［24］5384 30，\｛32，35l 5395 ｜20，22］， 24 S396 19．｜20，22，251 $5397{ }_{12},|(177)|$
 5383 ， 53957
dryumpuк＜ 5397 la
（yxaтahcineır 5360 Bit－16
iykeitear（ 5379 7）
 5367 ［8］， 8 （ cmz ） 5368 3，4，9． 12，13（（mu） 5370 10（ emu ） 3373 ${ }_{25}$［5374；（rmul）］ $5375 \mathrm{l4}, 18$ $53761,2,10,12,12(\mathrm{cmu}) 53774$ ． $6[537821(\mathrm{cmu}) \mid 5379 \mathrm{~g}(\mathrm{cmu})$ 53808 ．（＇4 4 ） 5381 \＆ 5382 16，18 $22,24(\mathrm{mN}) 538445385 \mathrm{i3}$, 17，20， 305388 i； 5389 ［13］． 17 5390 i4 5391 〕 5393 и2．14， 117. 18．24） 5395 6，14，19，［23（（mws）］ 5396 8，13，17，19．23．24（ mmu ） $5397 \mathrm{~s}, 12,16(\mathrm{mu}) 5398$ 1， $4 \mathrm{4}, 31$ ： $\mathrm{B}, \mathrm{ador} 5360 \mathrm{~A}$
（ $80 \times 5367+5398$ i）
fi 5373 I $8[537517] 53776$［5378 16］ 15379 41 538220538428 5395175396 is 53979

## INDEXES

 $5380^{\prime \prime} 1$
cixoct 53688
cluat 5360 B18 $5361165365^{2} 8$ ［5367 7］ 5368115370 ［2］， 9 5373 18 $5374,53751753764$. 8． $10537816 \quad 5379$ 4，（8）$\left[5380^{1}\right.$ 3］ 5382 20 $538320 \quad 538429$ ． ［3］］ 5385 14，28，［32］［5393 21］ 5397 10，is
＜ipkriti $53961_{4}$
eic 5360 A2， $\mathrm{B}_{4}\left(\mathrm{bas}_{3}\right), \mathrm{B}_{17} \quad 53616$ $5362[2]$ ， 1.8 ［ $\left.5365^{2} 1,7\right] 5368$ ${ }_{3} 5370$ § 5373 14 5375185376 ${ }_{3} 5378$ 12 538085383 10， 21 $5384{ }^{23} \quad 5385{ }_{13} 19.15 .22 \quad 5386$ 1 5388 is．15 5389 12，$\left[\mathrm{I}_{4}\right]$（biu） 5391 （a）1． 25393 н1，12． 195395 12， 14539619539814
eic［5365²］ 5376 II， 14 5385［15］． 325388 16．17，［18（ $6 i s)$ ］［5389 is）［5393 13］
$\mathrm{in}_{\mathrm{k}}$ ，of 5360 A6． $\mathrm{Br}_{5} 8, \mathrm{Big}_{19}$（bis）， B20 5361 ${ }_{25} 5367$［3］， 45372 $65375,5378{ }_{13},\left[1_{4}\right] 5380{ }_{12}$ 5381＇： 5382 12 5397 4（5398 13］
fixarto 5360 B13 $_{13} 5362$ y 53671 ［5380 16］ 539616
inazór $5360 \mathrm{~B}_{7}$
ixovicior 537165372753739 5375 ， 53786 ［5382 9｜5384 165390 io（53957］
inoviuk 5380 g 5383 i4 5396 \＆
；ктакта［5383 23］［（5391 25）］

iктог $\left[5365^{2}\right.$ sol 5389 3． 4
ixфxiyes 5362 s
inфópror 5360 Bis $5382{ }_{15}$
intwersin 5395 y
elaiovpyór see Inda XIV
〈גд́хıстое（ 5378 ，8）
dرauroú 5396 is（ $i$－written）
іно́с 5377 2， 8 （bw） 5393 ו 5395 19， 22539617
\＆ 5360 B9 5361 \＆ $43362 \quad 14$ ［5365 ${ }^{1}$ 8］ 5369 4 $5370{ }_{3} 5371$ 2． 55373 13．4． 17,215375 1，и1， ［15］ 5376 4 5377 ； 5378 31， 35
［5379 1，3］ 5380 12 53814.5 538214,195383 18， $225384 \mathbf{2 2}_{12}$ $25,285385235386153884,14$ 5389 ； 539145393 17，［18］． 20 5394 ， $5395 \mathrm{ni}, 19,17,[22] 5396$ 2．［3（？）］，（14］ 53976.853992 ［ 5400 1］
ivaróypador kee Index XIII
ivapxae see Index XIII
Fiveroc 5376 ； 5393 3．［22］
ivinearor 53944
ivoofor see Index XIII
iisó乡óraroc see Index XIII
inбoईórge see Index XIII
inexer 5373 is 5378 i4［5379 i］ 5384265395 is 53977
eivéxpor 5368 ； 537065375 I9 ［ $5380^{\prime} 1$ 1］
$\begin{array}{lllllllll}\text { ivela } & 5373 & 17 & 5375 & 16 & \text {［5378 } & \text { 15］}\end{array}$ ［5379 3］ 5382 18 5384275395 1653978
inauciuc 5370 ［3］， 8 ［5383 22］
iveautó［5380 16］
ivictaval 5360 Az［53652 8］ ［5376 yl 5380 to 5383 is
ivouratójer ure Index XIV
ivoxij［5369 9］ 53714 ［ 5372 s］ 5373 ； 5375 \＆ $\mid 5378$ 4 $\mid 53806$ 538275383753841153859 538885389 ， 5390753938 ［53948］539545396 s
ivaû̃a｜5365 4｜｜5366 2］ 5369 65371 ； 5372 \＆ 7 5373＋ ［5375 3］5378 2 5380 \＆［5381 2］［5382 5］［5383 5］［53848］ 5385 7．［21］\｛5387 5］5388 ， 53896 ［5390 5］（5391 2） 5393 $5539465395_{2}$
ivuSpiben＇ 5362 13
íaupirure 53957
\＄（fapria 5380 I；
i§aprí̧ew（5380 13］
（for［53716］ 5372 6 5375 ； 5380 8538285383 ı 05388 ॥ 5390 85395 ；

＇（furıко́（5381 ）（5391 4）
iopriкá $5380^{2} 2$｜5383 24］
iтауо́нела，же lndex VIII
tтакадоu日zir 5362 у
（novayces 53702
ітератай［5365 5］｜53676］ 5368
6，（10） 53697 （5370 6）［5371
4） $5372+5373$ 4．（19）． 245375
3， 20 （ 5376 8）（ 5377 g） $53783_{3}$ ．
（18）（5379 ऽ） 5380 ¢，${ }^{3} 2$［ 5382
6］，（2t）［5383 6］5384［9］，（3）
［5385 8．（29）］［5387 6］ 53886
（ 53897 7）［53906］ 539365394
$7 \quad(5395$ 3，20） 53964 （20） （5397 12）
imaрсїтрек 5396 s
ini 5360 Bto［ $5365^{2}$ 2］［ 5367 §］ 5373 ［16］， 235375 i1 5377 4． 65378 11［ 5379 2］［5380 16］ $53816 \quad 5382$ I4 5384215385 165389 is 5391 ； 5393 13．（24） 5395 n，18，21 5396 13， 205398 2753993
＊тиуоит 5360 A2
enu8ixuctaa 5380 g 5383 I4

imisyrsir 5373 14． 195375 i4． 875378 13，（14）， 17 ［5379 1，5］ 5382 17， 215384 24．（30） 5390 $145395{ }_{14} 539612$
intwiiperox ser Inder XIV
inıксікөа।［5380 13］
inuxiuдек ste index XIII

incerèdeav［53617］［5362 3］
iтn＜фраукстйं ser Index XIII
i＝ırचidrtor［5365²6］［5376 3］ $5385{ }_{21}^{21}$（5393 19）
dтітйог 5360 B17
ітьтреттеір 53967.23
imíppozoc see Index XIII

i＝oixion［S360 Asl 536］6．［17］ （53664） $\mid(5368$ 4）$) \mid 5375$ to 5380 （7）．［8］ 5383 8，［12，13］， （26） 5385 to（ 5391 （a）i） 5393 953949 （5400 8）
iтонги́va，［53717］ 5372 7 5373 9 53757537875382 I0 538416 5390 ı 5395 ：

inтaínc ［5393 24 （e）${ }^{\text {（2）}}$
ipyirne $5365^{2}[7], 55385$ is．$[17]$ ． ${ }_{32} 5388$ 16，$[18]$（5389 15，18］
ipyofдйктワе see Index XIV
ipyov 5395195397 n
irepoc 5373 is 5378 s．（99］，9，10．
｜1．4］［5380 14） $538320 \quad 5384$ 2） 539514
iтоipuce 539618
droc $5360 \mathrm{~A} 3, \mathrm{Blog}^{(B 21, ~ B 24)}$ $(53616,17)\left[5365^{2} 9\right] 5369$ 2 53711 ［5372 2［53732］ 5376 ， $\mathbf{5 3 8 0}$［2］， 10 （supplied）［（5381 6） 5382 ［2］， $3 \quad 5383$［2］，3， 15 5384 ｜3］．4，（5） 5385 （3）．；（ 5388 4） 53872,3 ［5388 1］ 5389 ； （bii） 5390 ［2］， 3 （ 5391 s） 5393 2． 35394 3． 4 ｜5395 1］ 539829 （5399 4）
s såpector［5365² 6］ 5376 ； 5385 22 ［ 5393 19］
еіல்охини́таток［（5399 ）］
eisprírge see Index XIII
e eviour $\left[5365^{\circ}\right.$ 4］ 5385 is 5389 18 ［5393 15］
einedeécтator ser Indax XIII
evisderic see Index XIII
eủmopiáa 536118
eipectiloyia 5396 is
eúkißesa see Index XII（a）
ésィвістаток лее Index XII（a）
eiruxis ratok see Inder XIII
e invoxis 53962
eixectar（ 5361 n ）［5362 is（？）］
©xau 5362953649.853687
［5396 19］［53988］
iar［5360 B7］
G7riviv 5397 s
Suyáv see Index XV $(b)$ s．v．id̀imioxòn〈uyóv
§wornoioe see Index X11（a）
in 5360 A7， $\mathrm{B}_{4}, \mathrm{~B}, \mathrm{~B}_{13}$［ 5368 2］ 5373 is｜5375 17］ 5378 14，$\{14$ ］， 16 ［53794］ 5395653964
7ryour $5382 \quad 16 \quad 539616$


5370 2，5， 9 ［537141｜［53721］ 5373 1，14，（24）， 245374 ； 5378 17 （5379 1］ 5380 ［1］，3［5382 ． 3］ $5383[\mathrm{l}, 3], 11$, is 5384 t ，if． 32］$[\mathbf{5 3 8 5} 1,3] 5386=5387$ ו．
［3］［5388 1］［5389 1］ 5390 ； 53931,353942 （bis）， 4 （5395 1）［5400 3］
 + ［5379 1］ 5384 25［5385 24］ ［5393 21］ 5395 is 53976
ग̈нкис 538311,18 （bu） 539617 53993

ariok see Index XIII（a）
Becóraree see Index XII（a）
Oeóc see Index XII（a）
A $\begin{array}{r}\text { graupóc } 53628 \\ \hline\end{array}$
Aupaupóx see Inder XIV
iarpóx ser Index XIV
Tixoc［ 5369 8］［ 5371 4，6］ 5372 5．［6］ 5373 ； 5375 ［4］．， 5378 ； 5380 ；$[53826,8]$［5383 6］
［5384 io［5385 8］ 53887,11
$5389853906,8(539117,20)$
539375394753953.553964


iva 53617
ivSacticur are Index VII（a）
Pcor［53613］
icor 5360 B 18
кавátre 5360 B2o
каВариóтде 53622
ка日аро́с 5360 Br
каAódoy 53672
wadór： 5360 B23
каАитоурáфел 5396 6，8，19
каАш́к 5396 is
кай́e 5365： 6 ［5376 3］ 538521
539318
канро́е 53703
wadeir $\mathbf{5 3 8 0} 12 \quad(\mathbf{5 3 8 3}$ 17） 538514
$5388{ }_{14} 5389{ }_{13} 13$（5393 12］


53731053758
wenóc［53674］（5380 i7］ кa゙v 5362 ；
картióc［5360 B6］（5369² 10］ ［5376 6］［5380 10］ $5383 \quad 16$ $53855_{25}$［539322］
мará 5360 As 536116536211 5367； 53797 （ 5380 16） 5400 6
катаßällew 539517539710
катаканих் 5362 เо
кағадацво́vеи 53628 （？）

кaraiderikcetar［5393 18］
катадеіш 53726
катаспора́ 5380 го 538316
＊атохทำ $5396{ }_{14}$
 t7l $538917{ }^{5393}$ 44
кepáriar ar Index XV（a）

кe\＄adacwrije cee Inde XIII
xeфadí ve Inder XVI eve cowrikea кspàipe
xí反́vioc $5360 \mathrm{~B}_{2}-\mathbf{3} 5362$ ； 5373 23 $53778 \quad 5378177^{5380} 0^{3}$ 5395 19 539617 （ 5397 II）
 ［53834］5388 ； 5399 ； 5392 I
स Aippor 5360 A6 536117
ฉัเข์ข 53707 ［53796］［5381 u］ 538431
wan wride［5366 9］［5381 If（3），＇7 （3），＇4，${ }^{6}$ 1］（5391 13）

коніқеа $5360 \mathrm{~B}_{7}$
коскинйтия 5362 7 5367 al ［5380 77 ］
кра́тетос sere Indea XIII
ктät8ar 53702
 $125381[(n)],{ }^{4}[(8)],(9) .[(10)]$ 5382 12， $14 \quad(5383$ 13） 5384 13，$(20,22)(5388$ 18） 5389 10 （ $5391 \mathrm{is}, 21$ ）；ane alce Inden Xl sv． Toü Krímaтox
«трию 5375 12 5378 12


кvкגeveripior $\mathbf{5 3 8 0} \mathbf{1 4}$［ $\mathbf{5 3 8 3}$ 19］
«viliór 5388 เ6． 188$]$
nupueverir $\$ 360$ B6
«úpror 5360 B2o［53676］ 5368 ；
537065373 ו 53375 20（5376 8）（5377 9）［（5378 17）］［5379 51［5380＇1］（5382 21）（5384 30） $5385{ }_{28}^{8} 5395$ וو 539620 （ 5397
12）；see alco Index XII（d）
ксіи 5362 н 5371 g． 85373 ［8］， 12．13 5377 2 5378 5，10，11，13 $5381(4,5),{ }^{2}(2),[(3,4,8)],\left({ }^{4} I_{1}\right.$ 2） $53908.13(53914) 539510$. 11．（25） 5396 II

入е́ккок $[5380$ 13］ 5383 ı 8


Alapzpáqatox see Index XI s．w．


dejen 53742
$\lambda$ 入१щна（5366 3） 5381 （ $(3)]$ ．（6） （5391 3．s）
A과드（5383 3］（5384 3）
Atypo ser Inder XV（a）
Acru！cedar［5376 2］
Abyoc 53612353648 （ 53663,10 ）
5368 ； 537065375 19 5377 s
［ 5380 ＇1］（ 5381 g）（ 5391 3．back）
539516 （5399 2）
入oumó 53619
גйтресіс 53682
на́yelpos see Inder XIV


5388 10［5390 8］ 5395 s ．（20）
539810
накарітре 5400 ；
utyac $\left.5365^{2} \mid 1\right]$ ， 55385 15，17，［32］
［ $5389 \mathrm{is}, 18$ ］：se athe Index XI s．v．
Meyälye Tapoutivou
ме́yкток［5380 1］［5382 1］［5383
1］［5384 i］［5385 1］ 5387 』
538925393.53942

［ 5395 ：4］

## INDEXES

peikev sere Inda XIll
реіс 5360 B10 $539827(5399314)$ Miv［5362 3］ 53966
рixuru［5361 21－2］
не́por 53647 ［ 53708 8） 5383 ［11］． 18 （bis）
pécoc see Indar XI s．w．Míns， тотархіа
 5369 ； 5371 ，［5372 2］ 5373 25375 12 5378 n 5380 7，13，15 5383 ｜2．9］， 18 ［5384 3］［5395 12］（5399 2）

$\mu$ нiтpal see Index XV（a）
 18 ｜5375 17］ $53776 \quad 5378 \quad 16$ ［53794］ 5382205384295395 1753966,1553979
$\begin{array}{ll}\mu \eta \delta а \mu и ̆ к & 5373 \\ 13 & {[5378} \\ \text { 13］}\end{array} 5384$ $225395{ }_{13}$
$\mu \eta$ oric $5362{ }_{11}$
$\mu \boldsymbol{\eta}^{\prime \prime} \mathbf{5 3 7 3}$ if $5384{ }_{23}$［ $\mathbf{5 3 9 5}$ 13］
$\mu$ गेт 5373 is 5384 23 5395 i］
$\mu \eta \dot{\eta} 7 \mathrm{p} \boldsymbol{5 3 6 9} 10537185373$ 6，［7］ 5375 9 53838 8，1\} 5384 \｛ 31 ， 19 5385 10 53899 و｜5390 $13 \mid 5393$ 8 （5394 9） $5395105_{10} 5397_{4}^{4}$

$\mu 7$ ªvi $^{53708} 5380$ 12．（15） 5383 11． 17 5385 i4 5388 is［5389 13］ （5391（d）1，2）［5393 n2］
 145383 is $5385{ }_{23}$［ $\mathbf{5 3 9 3} 20$ ］
$\mu \eta$ xavoupyáe see Index XIV
$\mu$ нкро́＜ 5388 ı6，｜18｜ 5398 ；
 19．B23［5380 9） 5383 n1，4，is
 $53705,6,753742\left[5380^{1} 1,3\right]$ （ 5383 25）
$\begin{array}{lllll}\mu レ \dot{\eta} \mu \eta & 5375 & 5380 & 4 & \text {［5382 4］}\end{array}$ 53834［53847］［5385 5］ 5387 － 5388 \＆ 5389 s 5390 \＆ 5395 ； 5396 ；
maválur see Indax XII（a）
molacripion see Inda XII（a）
móvoc 53618 （ 5386 ；（bis））
（ 5399 3，4） pukaion 539124
váovior 53703
vaürnc see Index XIV
veapor 53957
vecióßpoxoe［5367 s］ 538017
vioe 5360 Bu 5362 s；see aloo Index
V s．w．Tiberius II，Mauricius；In－ dex XI s．vv．N＇́a louctivou nódıe， Nia Пóдıк
viк币 5373 го
vанท่ 537035383 го
эоріка́pioc se Index XIII

rоро日ссіа 53957
vон＜＜ 5371 ； 537385375 ॥ 5377
1537865382 is 5383 ［g］， 13
5384 i4 5385 t1 5389 ti 5390
9． 13 5393 9［ 539410 10］ 539511
5396125400 gi see abso Index X］ s．v．＇ETrè Nouoí
шарос［5361 17］ 53956
vorápior see Index XIV
vóror $\mathbf{5 3 6 0} \mathrm{B}_{2 \text { ；see also }}$ Index XI s．v．
Nórov
vพิท 5385 13 5388 12 5389 12 5393
II 5394 „ 5400
ficreqe see lndax XV（a）
Eulapầ 5360 ［A̧］，Bts
\＆uhikór 5380 ：
納 53707537322537425376 953964
oindruc see Index XIV
diкia 536124
оіковен 53777538216
oiкамодia 53618
оікоуо́нос кeе Index XIV
оікас［5372 9］ 5377 ［x］，6， 135378
16］，is［5379 4］ 5382 19 5384
$28 \quad 5388$ เо，［18］ 5395175396
$6,14,21,2353974,9,17,(88)$
$5400_{4}$
oloc 536212
viac $\delta$ jinore 537314 ［53791］ 5384
${ }_{25} 5395$ is 53961453976

аіосбптатойข $\left[\begin{array}{llll}5373 & 15\end{array}\right.$［5379 1］ 5384 25［5395 5 ¢］ 53976
ӧкти́ 53674
ó іо́к入̀ चpoc［5380 ${ }_{13}$ ］

ддотос 5362 II
ддоіше 53629
 （53706） 53716 ［ 53727 ］ 5373 9，$[20,24-5] 53757,2053768$ （ 5377 g） 5378 6，16，｜（18）］ 5379 ［4］．（s）$\left[5380^{\prime}{ }_{2}\right] \quad 53829,20$ ， （21） 5384 45 29．［（3i1）］（5385 29） ［ 539010 10］ 5395 7，17．（20） 5396 8．15．18．（20） 5397 10，（12）
$\begin{array}{llllll}\text { виорее } & 5370 & 7 & 5379 & 6384 & 32\end{array}$ 53941 ［5400 1］
©то́тау 53689
óparv 5362 \＆$\quad 537513 \quad 5378 \quad 12$ 539512
ópyaror $\left[5365^{2} 71537645380\right.$ is $5383{ }_{19} 5385{ }_{23} 539320$
ópówápiok see Indar XIII
$\begin{array}{llllll}\text { оркос } & 5378 & 7 & 5382 & 10 & 5384 \\ 17\end{array}$ 5390 n
брнаг 5369 to 537185372 to 5373 ［8］， $12 \quad 5375$ 10 $\quad 5378$ s． $\begin{array}{llllllll}10 & 5382 & 5383 & 8 & 5384 & \text {［13］}\end{array}$ （zo） 5389 10 5390 8． 13 15394 و］ 539510
\％e 5360 B13，B14，B19 536110,16 5362 ［3］，11（53818）［5383 2t］
öव́кне 53622
orac 538320
öстер 536119
 5395 11
ӧте［5365＇2 6，8］ 5375 14 53764 4． $75377{ }_{2} 5385$ 24， 28 ［ 5390 14］ ［5393 21］ $5396_{12} 5398{ }_{26}$

อน่，จบ่ $5362+$
olateic 53648
aúcia 537565398 3， 12
oúrianór $5377 \%$
ớтoc 5360 A7 5362 n2｜ $5365^{1}$ 3．11］ 5368 g 5370 ； 5373 is， 16．［18），18， $23 \quad 5375 \mathrm{is}$ ，（17）， 18
$5376753774,6537814,16$ 5379 （2（biv），4）， $65380 \mathrm{tg},[16]$ 5382 20，23［5383 20，22］ 5384 26，29，［32］ 5385 （20］，27，［30］ ｜ 5393 17， $26 \mid 5395$ 16， 17 5396 8，13，24，15，16，18，20， 215397 7． 9． 1453982354006


d\＆0алмia 53967

iфdıcecareav 53627

sayapxeir sec lndex XIII та入ато́к［5393 24］ паvevadejic $\left[5390_{4}\right.$ ］ лан кӥфпиае we Index XIII пантаїе $[538044] 5383$ 49 тантократт wр see Index XII（a） пара́ 5360 B6 5364 ร 5366 （ 5 ， 6）．$[(7,8.9)] 53688$ 8．（14） 5371 75372 و 5373 п1 537585376
$\left[\begin{array}{ll}{[1], 2} & 5377, \\ 5378 & 7,14,1(22)]\end{array}\right.$ ［5379 1］（5381 7，9，10，11，12，13．
$\left.{ }^{6} 1,2,4\right) 538210,15,(25) 5384$
18,245390 g，14， $14,5391(6,7,8$ ，
9）．$[(50,11,12,13,14)],(b)(1)(t \pi)$, 2 （ter），3）［5393 17，24］ 5395 9，14， 5396 9，12．23 5397 ［2］，s 5398 ， 5399 3，（3．4）
параутан 5396 I3
параүрафท门 53956
парабíióva، 5362 ıо 537045373
is［5375 is］ 5377 s［5378 is］
$\left.\begin{array}{lllll}{[5379} & 2] & 5382 & 18 & (5384 \\ 26\end{array}\right)$
$539516539613 \quad 53977$
пара́docic［5383 tol
тараіаива́vew 5370 д－s 5373 $\left.\begin{array}{llllllll}17 & 5375 & 16 & 5378 & 16 & 15379 & 3\end{array}\right]$ 5382195384285395 i6 5396 15 53978
таране்тет $[5373$ 13］ 5375 п1 5378 11 5382 is 5384215395 11
тара́стакк 5396 i6
тараф＜＜́реи $\mathbf{5 3 7 3}$ is $\mathbf{5 3 7 5}$ it $\mathbf{5 3 7 7}$ § 5378 is［5379 2］ 5382 เi8 53842653951653977
maprival［5365 ${ }^{2}$ g］ 5376 ，
$5378 \quad 19.20 \quad 5380 \quad 10 \quad 538316$ （5385 4）［5393 21］ 5395 21 $5394_{4}(539816)$
mapixay［53651 3，s） 537025385 ［18）， 20538917539345395 17539616
nác 5360 B2，B20 53626 ［5365 7］［5367 2］ 5368105370 （4）］， 953737 7．［17］，18，23， 25374 35375 12．13，（16］）． 175376 ［4］． 10 5377 10 5378 12，is， 165379 $4538013,|44|_{1}^{2} 2,3538220$ 5383 20 5384 27， 29 ［5385 29］ （5393 20）5395 6．1，12．16，19 5396 9，20， 21
патіра 5375 9 5382 ı2
maspisioer we Indax XIII
nedion 5380 I2 5388 it
пе́رптè［5362 2］
 ［ 5389 4］
चеหте 53688
пияі 5360 Ad．Віа［5362 2］ 5377 353957
mepiphentac see Inde XIII
 3］
териіта، 5361 is
mртох 53672



 （5398 8）

noceì $5365^{2}|4|_{11} 5370$ J． 75373 18， 22 ［5375 17］ 53767,95377 $65378 \quad 165379$｜4］．， $65380^{\prime}$ ） $538220 \quad 538429$［5385 19，28］ 5393 13． $126 \mid 539517{ }_{17} 539614$ ，ข1 53979.145398 ㄴ
 ［5365 ${ }^{2}$ 2］ $5373{ }^{16}$ ， 18 （ 5375 3．15 ｜5379 2］ 5382 9 5385 I6（sup－ plied） 5389 is 5393 is $5396.4 /$ see abo Index $X_{\text {I }}$ s．ve．＇Hpanhioux mádec，Néa Jouxtion pádec．Nía По́Ак，O§upurxuriver máhic， Dfupiryew modic
modifacór 5395 4．［s］，20．（24）
matuर 53726
mópor 5361 g
sore $5400{ }_{4}$
zогісри́［5393 23］
граура［5365＇s］［5370 4］［5376
1］$[5385$ 20］ 5393 เ6
spayна＝еитik see Indes XIV
тра̄ł» 5360 B18
spáceen $5360 \mathrm{~B}_{3}$
rpareírupor ser Inder XII（a）
चро 53682
mpaayapeiver 53626
mpoaipecis $53716 \mid 5378$ 7］［5382
g｜ $\mathbf{5 3 8 4} 16 \mathbf{5 3 9 0} 1053958$
apoavadipar 537323
мроураі́н $\mathbf{5 3 6 8} 7537075373$ $21=2 \quad 5375$ 21（5376 g）［5377 11］ 5378 18．（19）， $2053796 .(7)$ ［ $538843815395{ }_{21} 5396$ 18， 21 $5397{ }_{13}$
nромеітва： 5360 B16， $\mathrm{B}_{23} 5367{ }_{3}$ （5368 10） $53708 .[(9)] \quad(5373$ 24） 5374 2．（3） 5375 22，［23］ （ 5376 10）［5377 n］［5378 19 20］（53798）（5382 23）｜（5384 32）］$\|(5385$ 31）］$(539114) 5395$ 22539622 （ $5397 \mathrm{L4}$ ）
mpodizen 5367 \＆［5370 3－4］ $5373225395{ }_{21}$
tporoytiv ste Inden XIV
про́тога［5365 4］［5385 19］ 5389 185393 is

rpoó $\mathbf{S 3 6 4} \mathrm{g}$［5365：rol $5370{ }_{2}$ 5373 14．｜19｜ 5375 14， 175376 $6537816|53791,4|\left[5380^{2}{ }_{3}\right]$ 5382 18，20 5384 24， 30 ［ 5385 27］5390 14 ［ 5393 25］ 53958 8．9． 14 5397 ： 53982253992
\＃por（－） 53629
चростікен［5365 ${ }^{2}$ 3］ 5378 8 5384 ${ }_{18}$［ $\left.5389{ }_{17} 15390{ }_{12}, \mid 15\right] 5395$ 10．15，i8 5396 io．if 5397 ［3］． 6
троска者cràr 539616
mpormopizer 5369 \＆［53714］ 4 5372 4－［5373 5］（5375 3） 5378 ；5380； 53826 ［53836］

## INDEXES

53849 ［5385 8］【（5387 6）］ 5388 7［5389 7－8］ 53906 53936 ｜53947］5395； 53964
npocracia see Inder XIII
прокфит 5373175375165378 15 $538218 \quad 538427 \quad 539516$ 53978
 71 $539375395{ }_{13} 539616$
тро́repor 5362 z

＂póbackc 5373 is［5379 2］5384 265395 is 53977
च púravic sec Index X111
－ритокшнйтŋре see Inder XIII
тршталатрікьое ser Index XIII
－рйтoc 53994
тupóc 5360 ［AB］，Bиı 536123 5362 2，［9］
pımáprac see Index XIII
pownivar 5361 in 5362 14
сеßасриос 5378 ， 5382 10［5384 171 5390 n
Cißactóe see Index $\mathrm{V}_{\text {s．v．Tiberius }}$
cipidaite（ 53862.3 （bii））

списооз：（5364 11）
сірияроу $\left[5365^{2} 8\right] 5376$ \＆［5385 24］ 539320
сібйрориа 5380 ；
cifinac 536126
ciroióyor see Index XIII
Атотодті́a 5362 13
citac 5361 is［ 5367 4］ 5380 i7 $53811^{5} 4,5,6,7,8,9,[10] 5383$ $2253916,7,8,9,10,11,12,23,19$, 36．17，18，19，20．21，22，23 5398 20．（21）
expiviou see Inder XIII
ecropá（5383 21］
«roxair 53708 （ 5374 3）（ 5376 10）（ 5377 10） $5378[(18)],(19)$ ， $20538222538432 \quad$［5385 30］
＜тратттóe ser Index XIII

＜tpariartisóc see Index XIII
cú 5361 II 5364 6，7，9
ceryecuppeir［53772（？）］ 5390 is
м шукодйєн 5362 s

cu入入orin 5380 เo 538316
синЯo入aroypádoc see Index XIV
＜и́риахек see Index XIII

539622
eiv［5376 6］ 5380 I1 538316 ［5385 26］［5393 22］ 539520 ［5396 59］
сииапохツí［5368 1－2］
curapmayí 5396 g
euriöprav nee Inder XIII
curtiketa see Inder XVI s．v．

centekiv 53773
cícracie 5385 19［539316］
＜фparic［5361 23］
саиатіко́с 53672
Curíp see Index X11（a）
cwitnpia 53959
tákue see Index XIII
те 5360 B18 5361953626.8 5367 2，［5］ 5373 25［5380 16］ 5383 เ．．［22］［5396 5］
Tixuov［5392 2］
Tedriv［5367 3］［5380 16］ 5383 21
тederiour 5367888 （eselioith） 5368 12，13（nehoth）［5370 10］ （evelootb） 5374 （（eselioth） 5376 （12）， 12 （etelio（ $)$ ）h（e））（5378 21） （etel（iosthe））（53799）（etel（ioshe）） 5382 24（dteliothe））［5395 23］ （ercliothh） 539716 （erteli）oith）
тессараскавбinaroe see reccapec－ кendiкаток
－естареккаьбікатоя 5377 4． 8 $5389+[539321] 53962$
тітартое［5382 3］［5385 26］ 5386 $45398{ }_{28}$
Terpaxoivenac see Index XV（d）
тиреір 53618 89
 ［ 5393 18］
тінұда 53617

FIC 5360 By, B4 53821853978
rotoüroe 5396 19
ronapxia see Index XI
но́ros 5373 14, |17] $5375 \quad 16$ 5378 is $|5381 \mathrm{~s}| \quad 5384$ 23,27 5391; 5395 14, 16: see alto index XII( $a$ )
тouricr: 539819
rpaselírge tue lndex XIV
гргіс 5360 A6. A8 5378 ; 5383 (1) 539519

тренканвекатое [5360 A2-y] 5380 11
Tpiác see Index $\mathrm{XII}(a)$
тріспаиікатое зее треккаибікатое
qріток 5383 17 $[5385$ 25]
ppirn 5391 2s
 sre aluo Index XII(a)
iynaiver 5396 is

шіратарохіа [5365²9] [53766] $538525 \quad[5393$ 22]
viớc 5367653687,10 , [14] 5369 9, $125372 \mathrm{~s},[\mathrm{xt}] 53736,7, \mathrm{nt}$, (12), 20, (21) [5375 5, 24] 5376 8, 10 [5377 10] 5378 \& 9,8 (bis), 9 (ter), to (bss). 18. [19, 20] $53806,8 \quad 53828.22,25 \quad 5383$ [8], 125384 [12], 19, (35) 15385 10] $\mathbf{5 3 8 8}$ го 5389 9. [19] 5390 7. $1253916,(a)$ 1. 25393 4. 8. |27| 5394 9, [12] 5395 5. 10, 20. 2s 5396 3, 6, 10, 11, 21, 25 5397 13 54007
úpeic $5361[4-8], 753622,[3], 6$, 15] $\left(5365^{2} 2,4\right][5367$ 3] 5370 2,453717 [ $\mathbf{5 3 7 2}$ 9l 53758. 105376253776.753786 .7 , [ 44$]$ [5379 1] $53809,18,16,\left[^{2} 3\right]$ 5382 1], 15, 17, 19 5384285385 165388 เо, 17 [5389 11| 5393 13. [15] 5395 14, 17, 18539616 5397 +1 5. 9
نиітерок [53716] 5373 [9], ㄴ $\begin{array}{lllllll}5382 & 11 & 5383 & 17,[21] & 5384\end{array}$ (4), 18, $24 \quad 5385$ и, $18 \quad 15389$ 16] 53909 , [12], 14 [5393 เ0]

5394 10 5395 g 5396 \% s, 7, 9. 14, [13], 14, [21] [5397 2] 539822
v́mallácctar 5361 19-20
úmápxetv 5360 (A4], B19-20 (5361 22] 5368 + (bvs) $53705,(s)$ [ $5375{ }_{19}$ (bis)] $[5378$ 17] 538011 [ 5383 17| $5396 \mathrm{I7}$. |18] 5397 kz
úrarcia see Index XIII
ýmáricea see Index XIII
ünaroe see Index XIII
ürip $\left\{5360 \mathrm{~B}_{4}\right\} \quad 53646 \quad 5367$ 3.
$\begin{array}{llllllll}\mid 71 & 5368 & 11 & 5370 & 9373 & 25\end{array}$ $5374{ }_{3} \quad 5376[2]$, $10 \quad(53798)$ [ 5380 16] [(5381 13, ' 10 )] 5382 16, 17538322 (5384 33) ( 5385 31) $5391(14,17,20,24),[(25)]$ $539317 \quad 5395 \quad 18 \quad 5396$ 7.16. 23 5397 10, (15) 539816
imapфи́cia see lndes XIII
imendovictatoc see Index XIII
úreúfuror 5373185375175378 $165379+538220538429$ 5396 is 5397 io
irnopione sere Inder XIII s.v. Bauhuruxò impoity
 $\left[\begin{array}{lllllll}5378 & 6 & 5385 & 13 & {[5388} & 13\end{array}\right]$ [5389 13] 5393 ㄴ (5396 25)
inoßeillew 5361 22-3
üroypaiфew [53716] 537265375
5 538285388 n 539085395
5. 22
úrosixectac 5376 g

$5385{ }_{27}$ |(5388 18)] [5393 25]
ข่тоөทјмण 5368 ; 53706537519 [5380 ${ }^{3}$ |
jumodayeir [5360 Bsl
ข̇móc таскс 5377,5395 t9
v́mosтedherи 5380 is
úmortiva: 5368; 5370 ; [5375 18]

фїтатос 537512537811539512 фófor 53969
\$op() (53808)
\$ópou see Index XIII
фо́poe 5367 ; 5370 2, 8 [53742]

5380 16, $\left.\right|^{2} 2 \mid 5383$ 11, 22 (5391 24)
\$poircervic see Index XIV
фטגa*ทㅁ [5373 18] [5375 1s] 5377 ;
 2853951753979
\$udáccen 53704
фuтón [5380 14] 5383 19
xaipery 5362 , 5364; 5373 و 5378653809 [ $53831_{14}$ ] 5385 $\begin{array}{lllllll}12 & 5388 & 12 & 5389 & 12 & \text { [5390 } & 10\end{array}$ [5393 11] [5394 11] 5395 7 (53968) 54009
$\begin{array}{lllll}\text { характірр } & 5373 & 16 & {\left[\begin{array}{lll}5375 & 16\end{array}\right]}\end{array}$ [5379 3]
xeip [5382 8] $538811 \quad 53908$ 5395 5. 22
х兀роурофіа [5365 ${ }^{2}$ п1] $5376(7,9)$, [13] 5385 28, |(31)], (33) (53877)
( 5388 18) ( 5389 19) 5393 [16].
(17) (5394 12$)|(540012)|$

хо́pror 5360 A7
хреса 5385 ; 3 (5386 1) 538812 5389 12 ( 5391 (d) 1, 2) [5393 n] [5394 in] 5398 is $\mathbf{5 4 0 0}$ io
хркшстеi. 5382 is
хро́чок 53726 (5393 41)
xpucion [5383 22 (?)] 5395 i8 5396 17, ( 17 )
хрисо́к 5368 я, ( 14 ) 5397 п
xapiav (5381 13, '10) (5391 14)
xupic 5360 B16 5362 1 5395 \&

山ٌc $\quad 5368$ Io 53704 , [9] 5373 245374 ; ( 5375 23) [ [5376 iol | $[5377$ | $11]$ |
| :--- | :--- | :--- | :--- | 5378 19, [20| 5379 85382 23 [5384 32] [5385 1)] 53952253962253974




INDEXES
XVIII. LATIN

| a, 4653639.8 (mm) | antio 5363 \% | Philippus 5363 L |
| :---: | :---: | :---: |
| ad 5363 [s]. 6 | d 53638 | procedere 5363 is |
| a\|c-536316 |  | procunator 53637 |
| adkenting 5363 , (adennibus written), (15 (?)] | Gallicanus [5363 6 (?)] | religuus 53634 |
| Augrutau 536314 | hic 5363 3 | repondere 53639 |
| Camerra [5363 6 (!)] | in $5363{ }_{3}$ | 4t 5363 9. 1s |
| casm 536316 | intumane 536316 (?) | signifer see discens signifervem |
| centure (5363 3) |  | suns 536313 |
| contuns (5363 8) | mubri 54013 |  |
| reme 53637 |  | tribuncius 536313 |
| commilise 5363 12, 15 | nosker (5363 14) | rribunus 53638 |
| desernt sigufirum (5363 4 (\%) | officialis 53638 | uotum 5401, |
| domines (5363 14) | one 53636 | urbs [5363 s ( ) ] |

## XIX. CORRECTIONS TO PUBLISHED PAPYRI

| BGU 1 308.14: dxe | 537818 n . | XIX 2243: 84 | 53963 ת. |
| :---: | :---: | :---: | :---: |
| 111 749: date | $53954-5 \mathrm{n}$. | 86; date | 5381 1-2 n. |
| CPJ tll 506 | See below SPP VIII 1299 | L1 364126 | 53678 nc ( p. 115) |
| CPR VII $27-4$ | 53956 n . | LVIII 3952 59 | 53678 n. (p.14s) |
| XXII 4.30 | 5396 25-6 n . | 3955 ¢ | 5395 4-5 n. |
| XXIV 25.8 , 10 | 5396 2-5 n . | 26 | 5367 ¢ n . |
| M. Cbr. 99 | See below V1 893 | 39587.41 | 53678 n. (p. nıs) |
| 278 | See above BGU I 308 | LXX 4788 | 5393 23-4 n . |
| 34 | See below 1144 | 47958 | 53904 n . |
| P. Erl. 69: date. provenance | 5360 introd. | P. Palau Rit. 18 | Sce below SB XII 10937 |
| P. land. 11148.14 | 5393 g n. | P. Princ. Ill 14s: provenance | 537818 n. |
| P. Lips. II 145.77 | 5362 12-13 n . | PSI 111248.6 | 53853 n . |
| 113849 | 53678 n. (p. IIs) | VIII 964: date | 53678 n. (p. 113 n. 1) |
| 14032 | 53678 n. (p. 14 ) | SB V1 8987.51 | 53678 n . (p. 119) |
| 144 4: provenance | 5396 introd (p. 184 n .2 ) | XII $10937-4$ | 53678 n. (ii) |
| V18931 | 5378 4 n . | XIV 12194: date | 537818 n . |
| VIIl 1124: new edition | 5360 B | XV] 12717.30 | 5396 25-6 n . |
| XII 14181 | 5361 introd. | XVIII 13887.2 | $5377{ }^{3} \mathrm{n}$. |
| XV1 1897: date | 539717 n . | 13916.5 | 5364 4-5n. |
| 1917: dave | 5396 introd. (p. 184 $\mathrm{n}^{\text {n. 1) }}$ | 13922.2; provenance | 53949 n . |
| 1959 23 | 53678 n. (ii) | 13949.12 | 5382 is n . |
| 1979 | See below SB XXVVIII 17002 | 16 | 5382 16-17 n . |
| 198116 | 5395 ın | 14006.27 | 5395 18-19 ก. |
| 198532 | 53678 п. (p. Hs) | XXV111 16873.3i provenance | 5398 introd. (p. 192 n. I) |
| XVIII 2195 108, 122 | 5396 \% n . | 17002.25 | 53707 n . |
| 22038 8 9 | 5397 i] 0. | SPP III ${ }^{2} .186 .2$ | 53967 n . |
| 2204 ; | 5366 4 n . | VIII 1299 | 5364 4-ร n. |
| XIX $22388{ }^{26-7}$ | 5373 23-4 n | XX 278: date | 539717 n . |



 Hetortyy






## 5399 (reduced)

## PLATE XI

f. 1

mosnmex!

$\pm x$ 告
 : - 3140 Ketronyl
 wirmastiz LOM VTVI:

fr. 2

## 5365

$\left|\begin{array}{cc}\text { cm } & 1 \\ \left.\right|^{\prime \prime} & 2\end{array}\right|$



为










## 5376 (reduced)






 Weresto


fr. 2




5378 18-2I (reduced)



$6 \sqrt{5}$
PLATE XVIII






[^0]:    2 avzou＂．The oblique divider appears to grow out of the right－hand branch of $v$ ．
    $3 \kappa \alpha u$ ］¢y $\begin{aligned} & \text { Bupw．The reading at the start is very uncertain，but it is clear that there is no room for }\end{aligned}$ the article．Rahlfs prints кai èv rệ $\theta v \mu u$ and records no varianes； 2051 and 2151 both have the arricle．and
     aúrov＇c without the article，no doubr from memory．Pietersma，＇Empire Re－Affirmed＇，52，commenes that
     nificance＇．Its absence here in $5344^{4}$ is perhaps due to assimilation，but one cannot exclude the possibility that 5344 uniquely preserves the truth：cf．c．g．J．Smith，Trantlared Hallelujahs（2011）57－8．on the choice becween éveciv and roic eivectu at Ps．civ I，where 2110 （P．Bodm．XXIV）alone lacks the arricle．

    6 avtov＇．There appears to be surplus ink under the oblique divider and below under the right－ hand side of $\gamma$ in the next line，perhaps offset．

[^1]:    I].. [. We have found no secure reading of the traces. Perhaps ja $[$, which leads to the resto-
    
    
    
    
     variants).
     also in $\Phi$ and 1194 , see von Soden, and a further scatter of minuscules, see hetp://nnmmr.uni-muenster. de/nt-transcripts). 5345 may have omitted the name (written as a nomen aerrum), by parablepry in the sequence autotcouc. Alternatively, it may represent a more cconomical text, to which o I $\eta$ roue was at some point added for darity. For similar cases see Greeven and Güting 473-s.

    4 a 리[cc. The final trace is of upright ink, in the upper two-thirds of the line, close to the righthand edge. The ink thickens at the top: it may be that ade[etc would fit berter, and in fact that is the spelling offered here by X A B* C L $\Delta$. See further BDAG s.v., and for some examples in documenary papyri Gignac, Grammari 251.
    

[^2]:    1 There is no secure attestation of such a milizary presence in Oxyrhynchus iself or in the nome at this period, although some cohorts appear to have been stationed in the vicinity, such as the ala Aprama, garrisoned in the Small Oasis and probably identical to the ala Apriana Philipporum mentioned in LXIX 4746, and the rohors III (or II) Ituracorum: see e.g. VII 1022; J. D. Thomas, 'Latin Texa and Roman Citizens', in A. K. Bowman et al. (cdd.), Oxyrhynchus: A Ciry and Its Texs (2007) 23I-43 at 235.

[^3]:    I I wish to thank Sophie Kovarik, with whom I discussed several rextual problems; Daniela Colomo, who helped with numerous conservation and imaging issues; Giuseppina Azzarello and Todd Hickey, who shared unpublished papers and commented on a drafi; Amin Benaissa, who read earlier drafts and contributed comments; Bernhard Palme, who shared his unpublished work on the Apions and offered advice: Roberta Mazza, who exchanged ideas on various points; and Ben Henry, who sees things that most of us fail to see and improves everything, big or small.

[^4]:    $2[\ldots \mid \gamma \epsilon \omega \rho \gamma \omega \bar{\nu}$. Perhaps $[\tau \bar{\omega}]] \gamma \in \omega \rho \gamma \bar{\omega} v$, implying a form of the verb to be', but this would be curious Greek in a text of this kind and date. I have also considered [cuy|yewpyur, but there are obvious difficulties.
    oựcıa кoù (suggested by S. Kovarik) is the best interpretation of the writing, the first upsilan is diffcult, but it is hard to see what else could be meant. There is no parallel except perhaps for P. Neph. 27,l-2
     correct, it would refer to the part of the village, or rather the lands around it, that belonged to the erate.

    3 åtopyं[cac]. The verb dmopū is not common in papyri (one instance stems from a misreading: in
    
     62.19 (Oxy:; 613 ); cf. also 5382 is n . (rents).
     likely appcarance of Pamuthius in XIX 2244, which is not later than 558 (sec $5378+\mathrm{n}$.), this indiction 14 corresponds either to $565 / 6$ or $580 / 8$. If Pamuthius is a clergyman in 5378,5377 will be carlier (see below, to n .); but cf. also g n., paragraph 2.

[^5]:    ${ }^{1}$ Previously cired as P．Betol．25628，ed．A．Syrkou，APF 49 （2003） 54 － 6 ．The date given in CSBE $^{2}$ 263，viz＇？xi－xii． 592 ＇，goes back to a correction communicated by me to the authors at the final stage of the revisions of the book：after the year figure（3），the papyrus has Xor（ak，which corresponds to 27．xi．－26．xii． 592 ．The ed．pr．dubiously placed it in the Fayum；this is guaranteed by the use of the term $x \rho u c i o u$ in 7 and the rate of deduction，minus 7 有 car．，typical for this area at this date（see ZPE 154 （2005） 203 n．1）．

[^6]:    ' The superficial nature of this was ascertained by multispectral imaging.

[^7]:    ' S. James. Excavations ar Dura-Europos 1928-1937. Final Report VII. The Arms and Armour and other Malitary Equipment (2004) t59-70, esp. 160-62 with fig. 92; zverage dimensions $105 \times 90 \mathrm{~cm}$. Cf. the later documentary evidence for the cariöre (planks) required for the manufacture or repair of shields: T. G. Kolias, Byzantinische Waffen. Ein Beitrag zur byzantinischen Waffenkunde von den Anfangen bis zur Latinisishen Eroberung (1988) 92 .
    ${ }^{2}$ James, op. cit. 16G-7; see also A. Nabbefeld, Römische Schilde. Srudien zu Funden und bildlichen Uberliferungen vom Ende der Republik bis in die späte Kaiserzeit (2008) 131-2, pl. I.
    ${ }^{3}$ K-P. Goechert, 'Neue nömische Prunkschilde', in M. Junkelmann, Reiver wie Statuen aus Ere (1996) 115-26; for the traces of wooden laths on the back of one of the fragments, and the likely use of animal glue as an adhesive, see 115-16 with fig. 193. Two of the shields had figural paintings, the third only ornamental decoration; suggested dating. late fourth century to third quarter of the fifth. See also Nabbefeld, op. cit. 132-s, pls. 2-4.

[^8]:    'For the fibrous content of this, cf. the 'layer of fibre in a glue matrix' observed on the Dun fragments under both gesso coatings and animal hide: James, op, cit. 162.
    ${ }^{2}$ Two of the plywood oval shields found at Dura-Europos had no bosser but were painted at the centre with a single figure enclosed by a frame: James, op. cit. 18.4-6 nos 633-4
    ${ }^{3}$ For the rypology of the laurel wreath, an imperial attribute from the middle of the first century BC on, see B. Bergmann, Der Kranz des Kaisers: Genese und Bedeurung einer nomischen Insignie (1010) 53-8, with sculpted representations on altars of Augustan date, showing the ribbons tied in a bow with a raff knot, 160 figs. 66, 68, 70. For its iconic significance, see P. M. Bruun, The Roman Imperial Coinage VII: Constantine and Licinius, A.D. 313-337 (1966) 36.
    ${ }^{4}$ J. P. C. Kent, The Roman Imperial Coinage VIII: The Family of Constantine l, a.D. 33;-144 (1981) s0-54. For a general survey, see H. Matringly, 'The Imperial "Vora' ', PBA 36 ( 1950 ) 155-95, osp. 155-6 for the formula; 'The Imperial "Vota" (Part II)', PBA 37 (1951), 219-68. By the later chind century, the io- and 20-ycar celebrations (decennalia and vicennalia) might be doubled up, and a five-yearly anniversary was also celebrated: C. H. V. Suthesland, The Roman Imperial Coinage VI: From Diackrianis Reform (an. 294) so the Deash of Maximinus (A.D. 3i3) (1967) 19-21.
    s The following commentary draws extensively on notes provided by Dr Serena Ammirati.

[^9]:    ${ }^{1}$ H. Weil, L. Benlocw, Théorie géntrake de laccentuation latine (189s) 298-311, esp. 309-11.
    ${ }^{2}$ See the table, 'Imperial vota, 314-363', Kent, op, cit. 52 . For the difficulties in dating the coin issues related to these anniversaries, see Sutherland, op. cit. 19-21; Bruun, op. cit. 56-6i.
    ${ }^{3}$ As seen not only on several of the elaborately decorated shield boards, but also on functional ones, such as the three painted fragments amongst the remains of ten or so military shields found at Masada: G. D. Stiebel, J. Magness, 'The Military Equipment from Masada', in J. Aviram et al. (edd.), Masada VIII. The Yigael Yadin Excavations 1963-196s. Final Repors (2007) i-94, esp. 16-22.

[^10]:    ' Philo of Alexandria, Legatio ad Gaium 299-jos: for a discussion of this incident within the widep context of votive shields, see H. K. Bond, Pontius Pilate in History and Interpretation (t998) 24-48. For the more gencral, and personal, phenomenon of weapons (ofeen in miniature form) is votive offerings. see M. C. Bishopı J. C. N. Coulston, Roman Milisary Equipment: From the Punic Wars to the Fall of Rome ( ${ }^{2} 2006$ ), 30-31.
    ${ }^{2}$ The third well-preserved example, the 'Warrior God' shield, has only che fronal depiction of the eponymous figure spanning the whole surface, and no further decoration: M. I. Rostovtzeff, E. E. Brown, C. B. Welles (edd.), The Excavations at Dura-Europos ... Preliminary Report of she Seventh and Eighth Seasons of Work (1936) 363-7, pl. XIVI.

[^11]:    ' Generally attributed to the decennalia of Theodosius 1, 388: D. E. Strong, Greek and Roman Gold and Silver Plate (1966) 199-201, pl. 64; M. Almagro-Gorbea et al. (edd.), El Disco de Teodasio (2000) includes some divergent opinions, and copious illustrations.
    ${ }^{2} 3.9 \times 15 \mathrm{~cm}$, with four pairs of lace holes along the edge, and 13 line ends of Greek.
    ${ }^{3}$ Sec further. S. James, 'The fabricae. State Arms Factories of the Later Roman Empire', in J. C. N. Coulston (ed.), Proceedings of the Fourth Roman Military Equipment Conference (1988), 257-331, esp. 2629; Bishop and Coulston, op. cit. 238-40. None are listed for Egypt.
    ${ }^{4}$ See the chronological resumes of shield rypes by Bishop and Coulston, op. cit. 179-82, 216-18; J. C. N. Coulston, 'Late Roman Military Equipment Culture', in A. Sarantis and N. Christic (edd.), War and Warfare in Late Antiquity (2013) 463-92, esp. 475-7. The 'broad oval' type is that held by the guards depicted on Theodosius' plate: Almagro-Gorbea et al., op. cit., frontispicee, 187 pl I. I, and 190 pl . IV.2-3.

[^12]:    ${ }^{1}$ See D. J. Osborn, J. Osbornovi, The Mammals of Ancient $E_{\mathrm{g} y \mathrm{pt}}$ (1998) 18s-6; and cf, the aigagros shown in combat with a lynx amongst the animals on the verso of the Artemidorus Papyrus: P. Artemidere 447-50, V38; and for a discussion of its context. G. Adornaro, 'Didascalic, disegni e zoologia sul Papiro di Aremidoro', APF 54 (2008) 224-45, esp. 241.
    ${ }^{2}$ E. Bassi, 'Amore e Psiche', PSt Congr. XX 20 (Dai papiri della Società Italiana: Omaggio al XX Congnoso Internazionale di Papirologia (1992) 93-6, pl. XII); A. Soldati. in C. Gallazzi, S. Settis (edd.), Le

[^13]:    ${ }^{1}$ Listed by J. W. Einhorn, Spirisalis unicornis: Das Einhorn als Bedeutungroiger in Liesneur und Kunst des Mistelatters (-1998) 53-5.
    ${ }^{2}$ J. Cledat, Le monastére er la nécropole de Baouir (r904), 79, pls. Ll.ı, LIl; identified as a unioom by later writers, including P. du Bourguet, 'Bawit. Paintings', in A. S. Atiya (ed.), The Coptic Encrolopedia ii (1991) 367-72 at 371.
    ${ }^{3}$ E. S. Bolman, 'Monastic Wall Paintings', in C. Fluck, G. Helmecke, E. R. O'Connell (edd.), Egypt: Faith afier the Phamoohs (2015) 122-7 at 122, 124, fig. 138. Shenoute died in 465 .
    ${ }^{+}$E. Alfoldi-Rasenbaum, J. B. Ward-Perkins, Justinianic Mosaic Pavements in Cyrnaican Chuncha (1980) 55-6, i36, pls. 56, 59.1 .
    ${ }^{3}$ P. and M. T. Canivet, Hüarte: Sanctuaire cinrtsien d'Apamène ( $N^{r}-V /{ }^{\circ} \mathrm{s}$.) (1987) 232-9, 251-60, 305-12, pls. CXXXVIII.1, CXL.2, CLIV.

    6 For a more extended discussion of the unicorn and the contexts in which it is cited and illusuraed, see Whitehouse, op, cit. (204 П, 2).

[^14]:    Tiberius
    Tißipior Kal̂kap CıRacrác 5360 A3，B21，B2a（year 13）

